

(12) **UK Patent Application** (19) **GB** (11) **2 401 136** (13) **A**

(43) Date of A Publication **03.11.2004**

(21) Application No: **0417810.9**  
 (22) Date of Filing: **12.06.2001**  
 Date Lodged: **10.08.2004**  
 (30) Priority Data:  
 (31) **60212359** (32) **19.06.2000** (33) **US**  
 (62) Divided from Application No  
**0229708.3** under Section 15(4) of the Patents Act 1977

(51) INT CL<sup>7</sup>:  
**E21B 43/10 23/01**  
 (52) UK CL (Edition W):  
**E1F FAC FAC9 FKF FKG FLA F204**  
 (56) Documents Cited:  
**GB 2356651 A** **WO 2001/004535 A**  
 (58) Field of Search:  
**UK CL (Edition W) E1F**  
**INT CL<sup>7</sup> E21B**  
 Other:

(71) Applicant(s):  
**Shell Oil Company**  
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**910 Louisiana Street, Houston,**  
**Texas 77252-2463,**  
**United States of America**

(continued on next page)

(54) Abstract Title: **Coupling an expandable tubular member to a preexisting structure**

(57) A tubular member 2805 is coupled to a wellbore casing 2810 by expanding the tubular member by means of an expansion cone. Thereafter the expansion cone is removed and a radial expansion tool 2905 is used to further radially expand the tubular member 2805 by the application of a direct radial pressure.

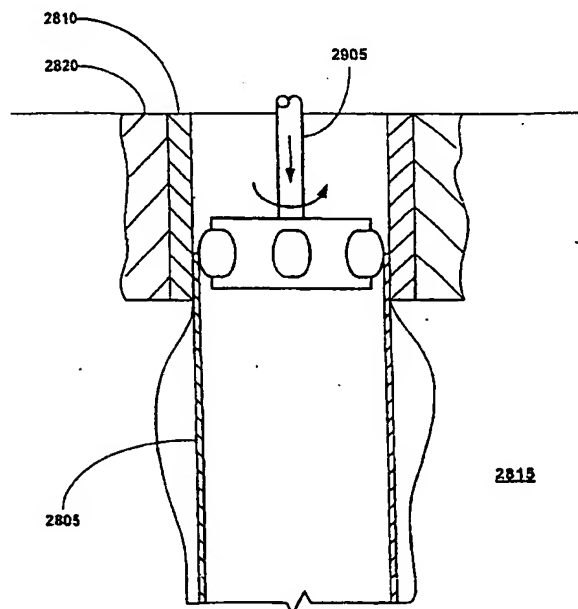


FIGURE 29

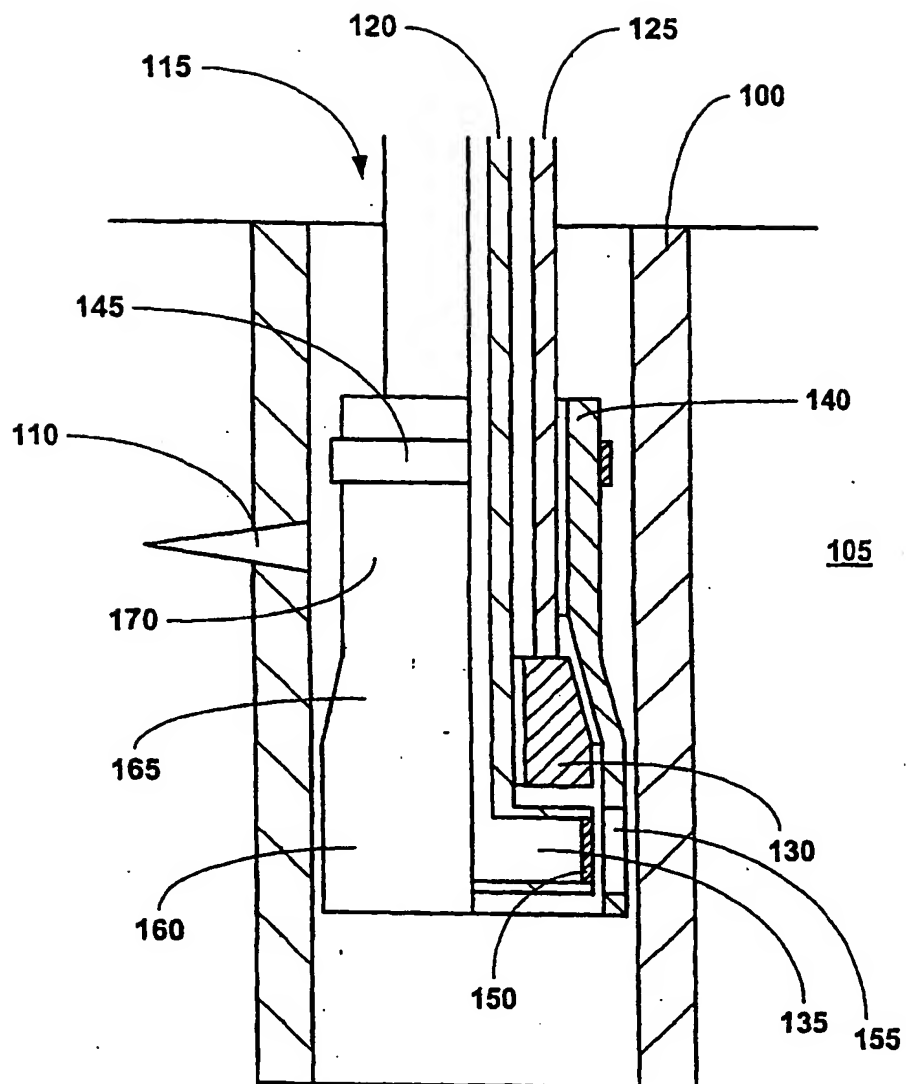
**GB 2401136 A continuation**

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Edwin Arnold Zwald Jr  
Andrei Gregory Filippov**

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Redcliff Quay, 120 Redcliff Street,  
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**FIGURE 1a**

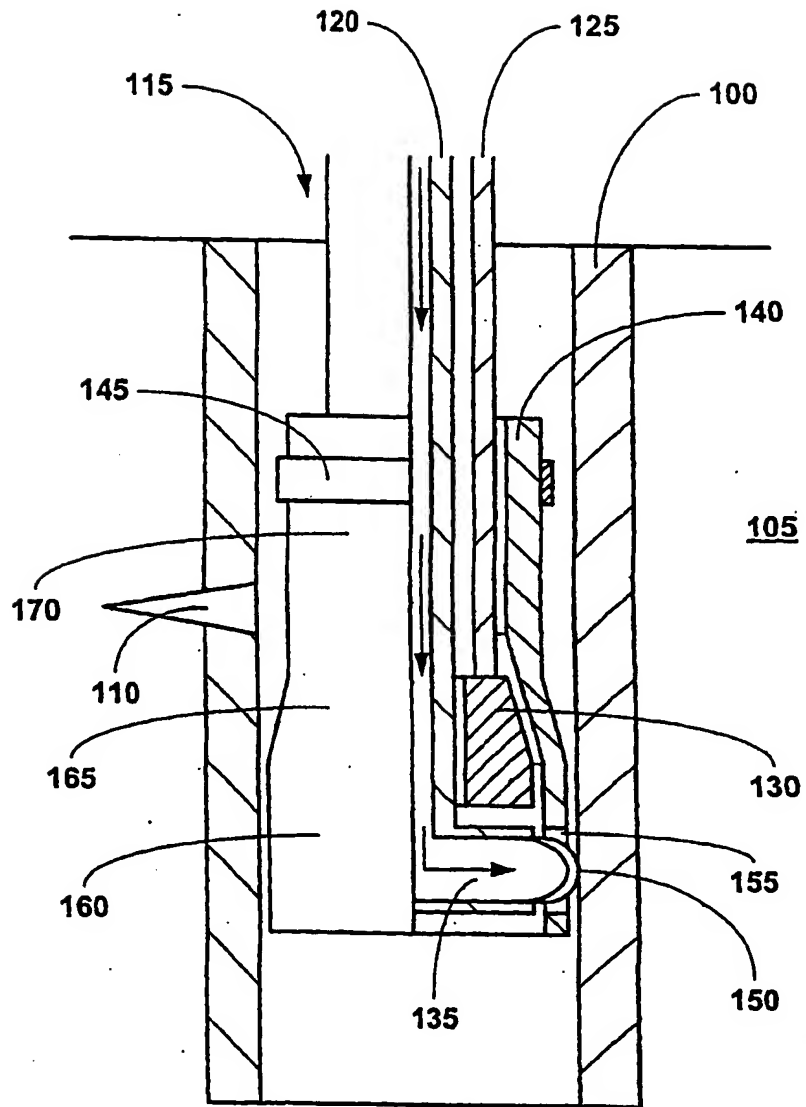


FIGURE 1b

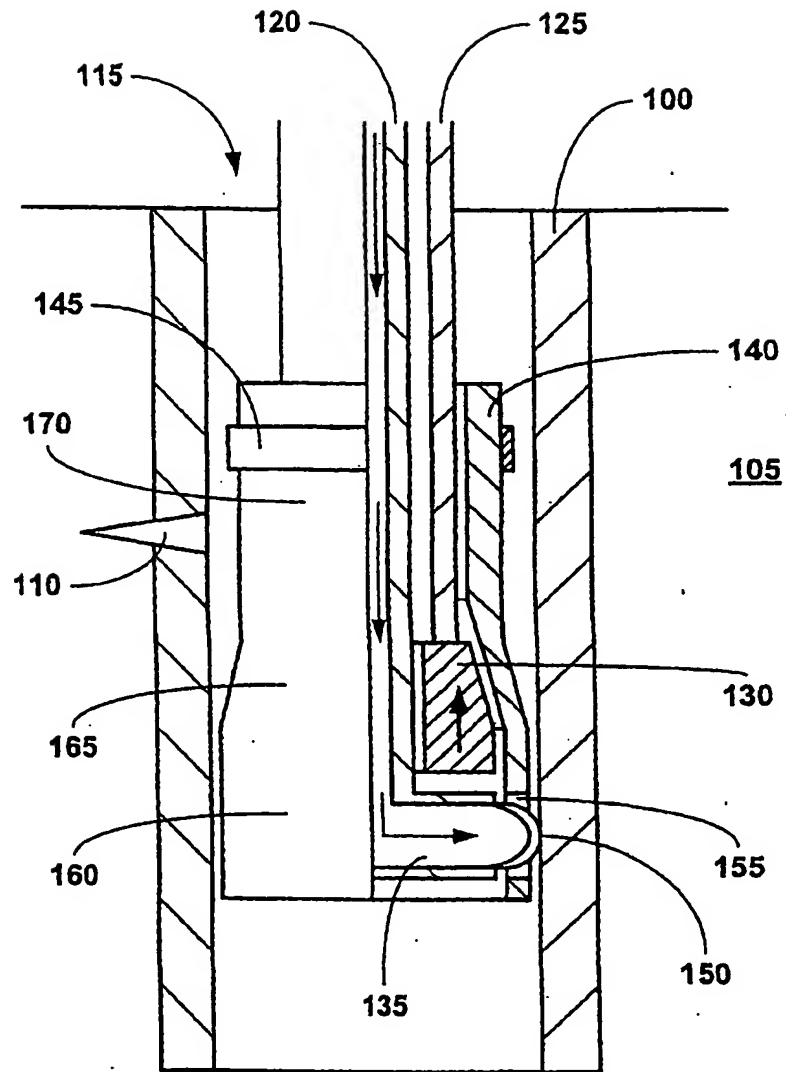


FIGURE 1c

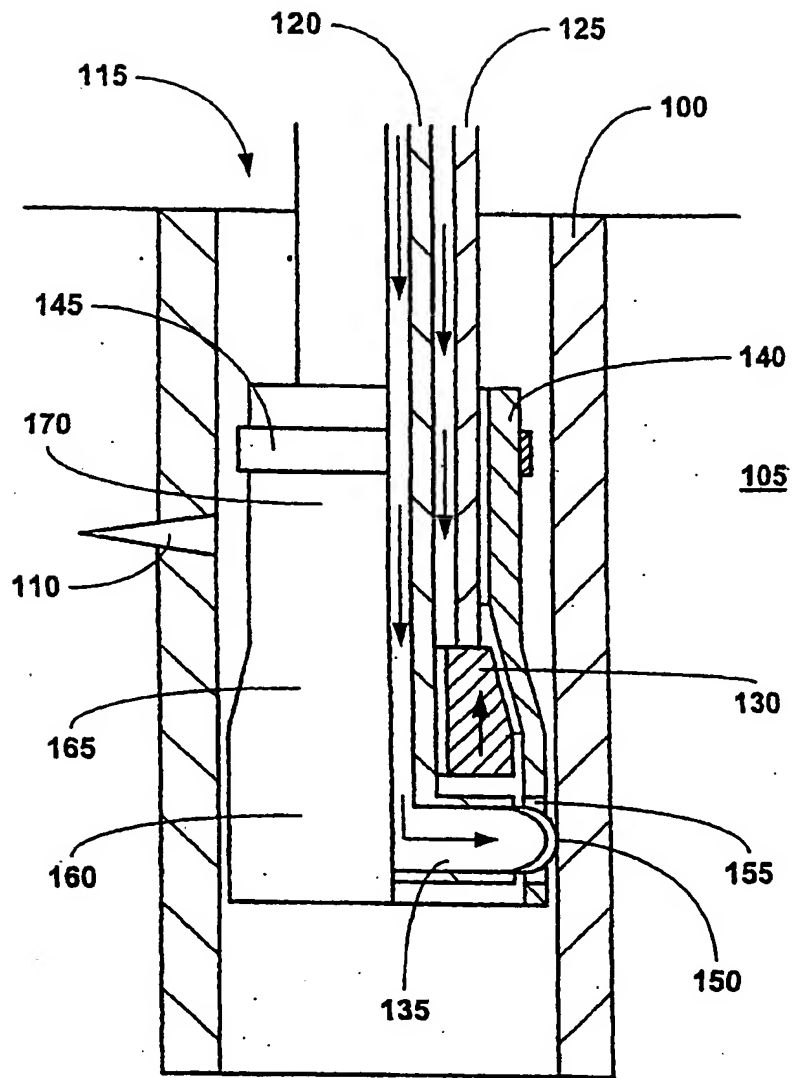


FIGURE 1d

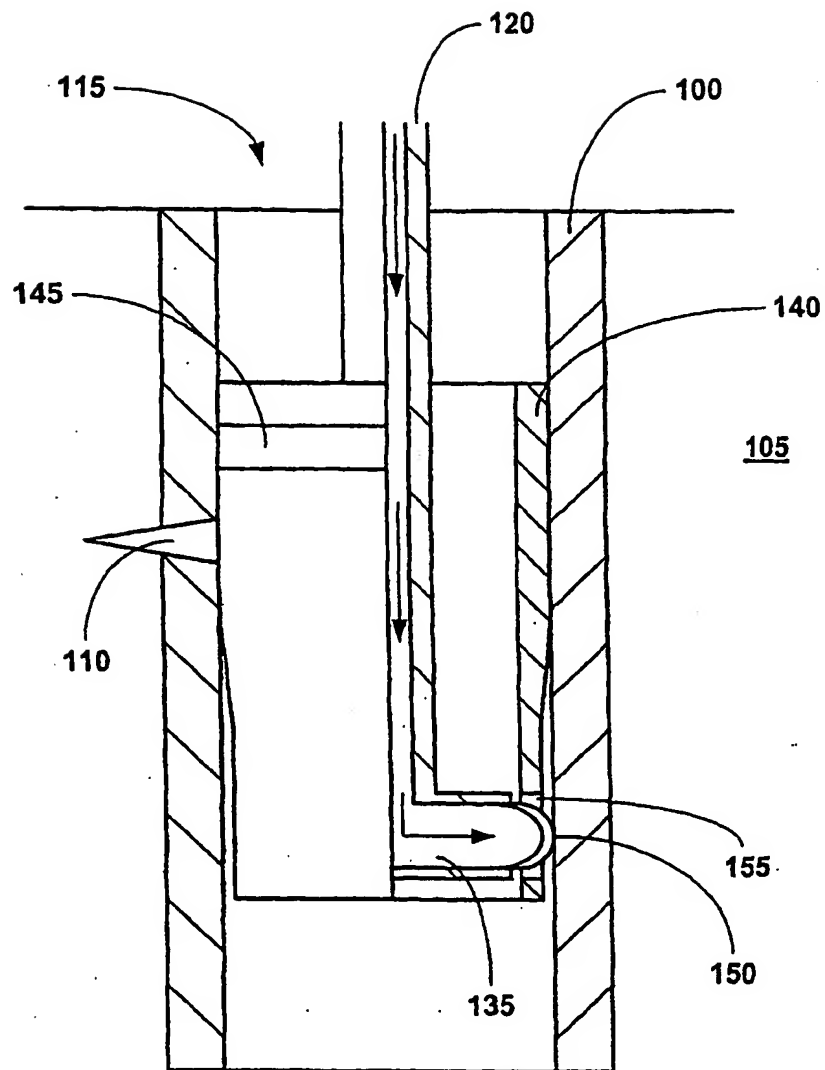


FIGURE 1e

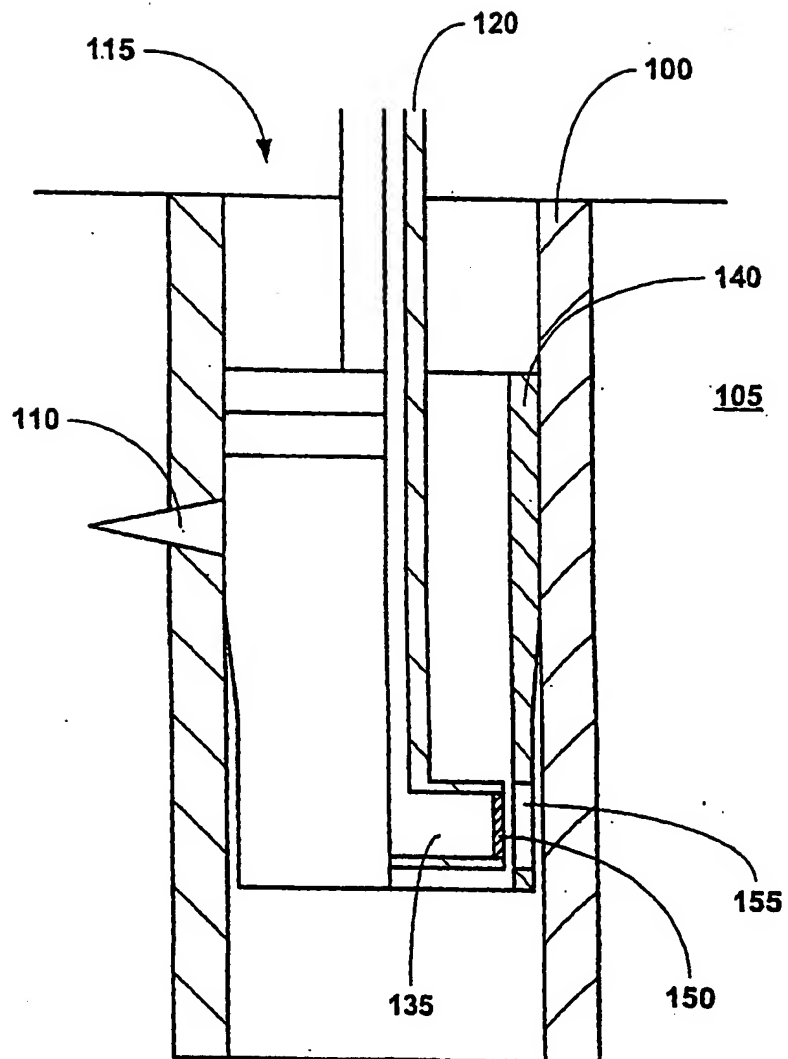


FIGURE 1f

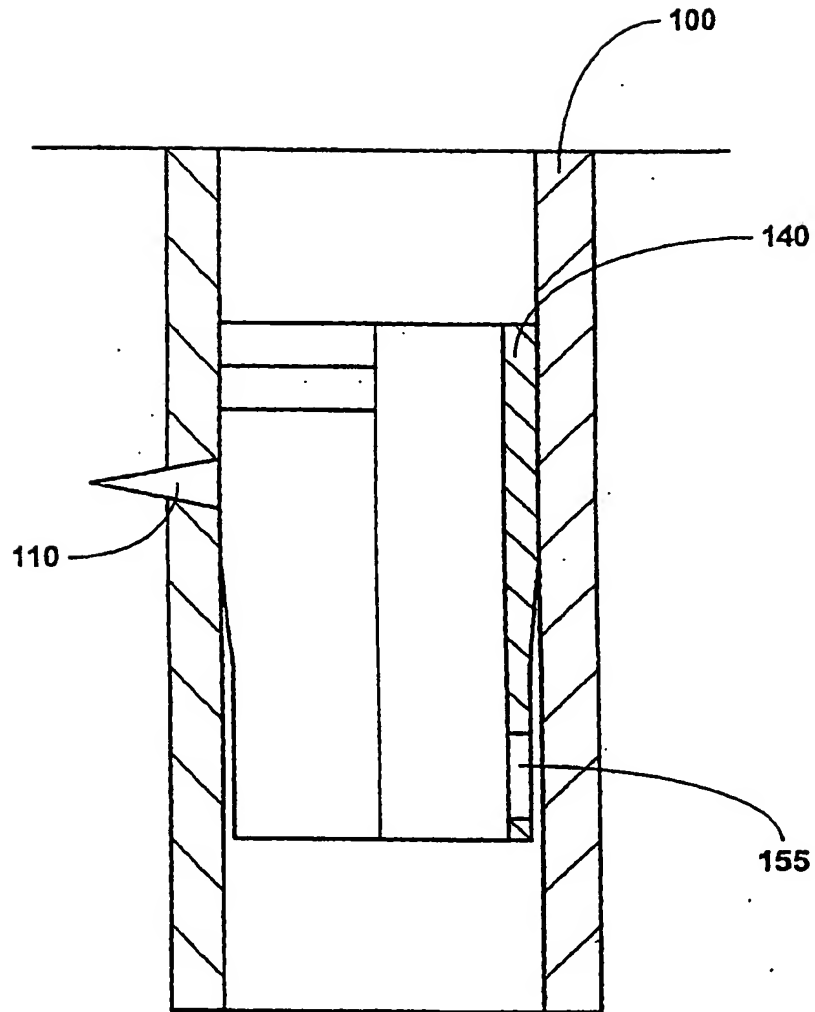


FIGURE 1g

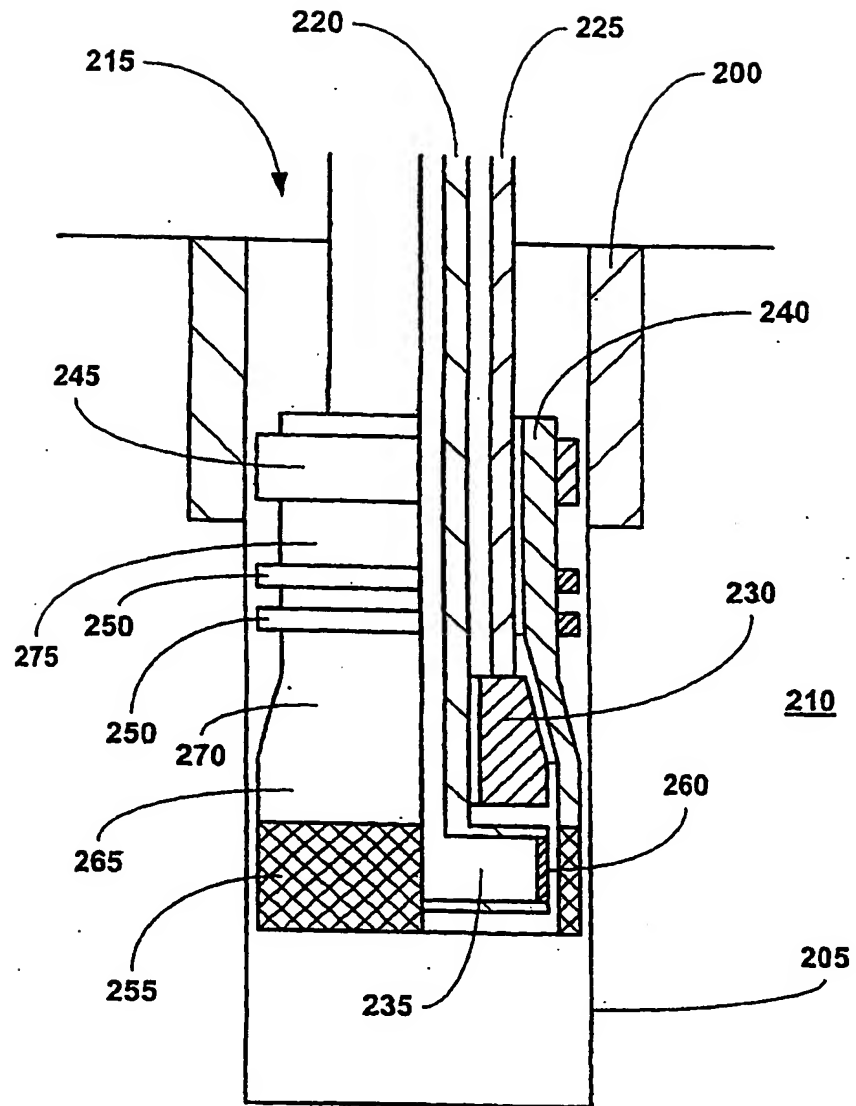
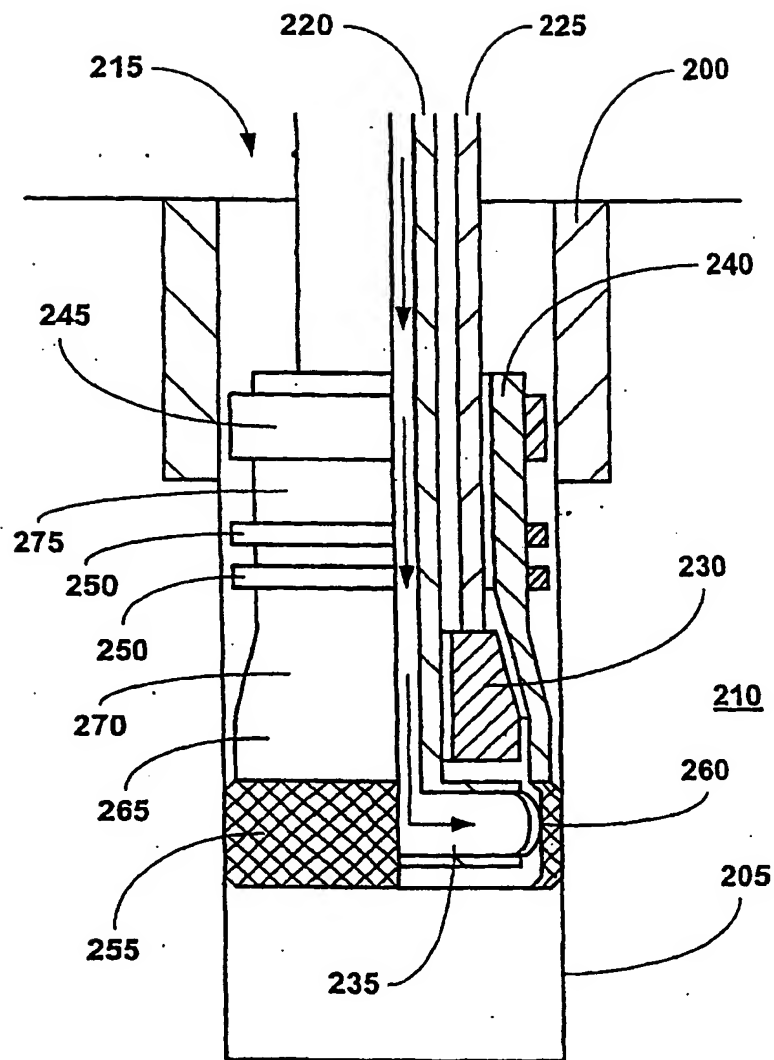


FIGURE 2a



**FIGURE 2b**



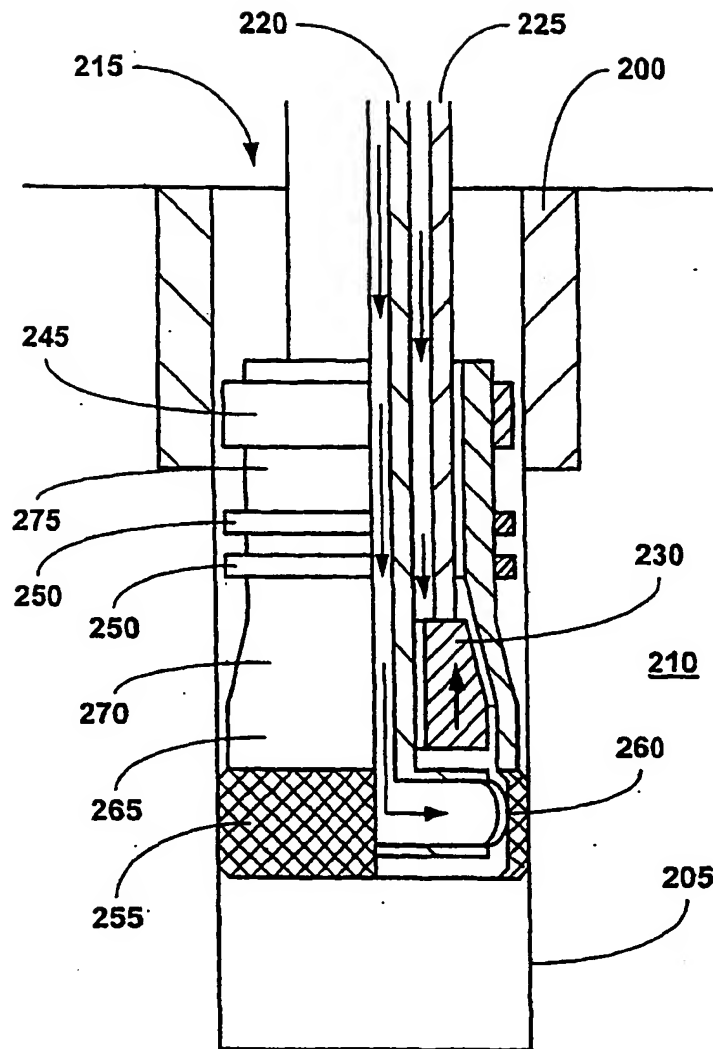


FIGURE 2d

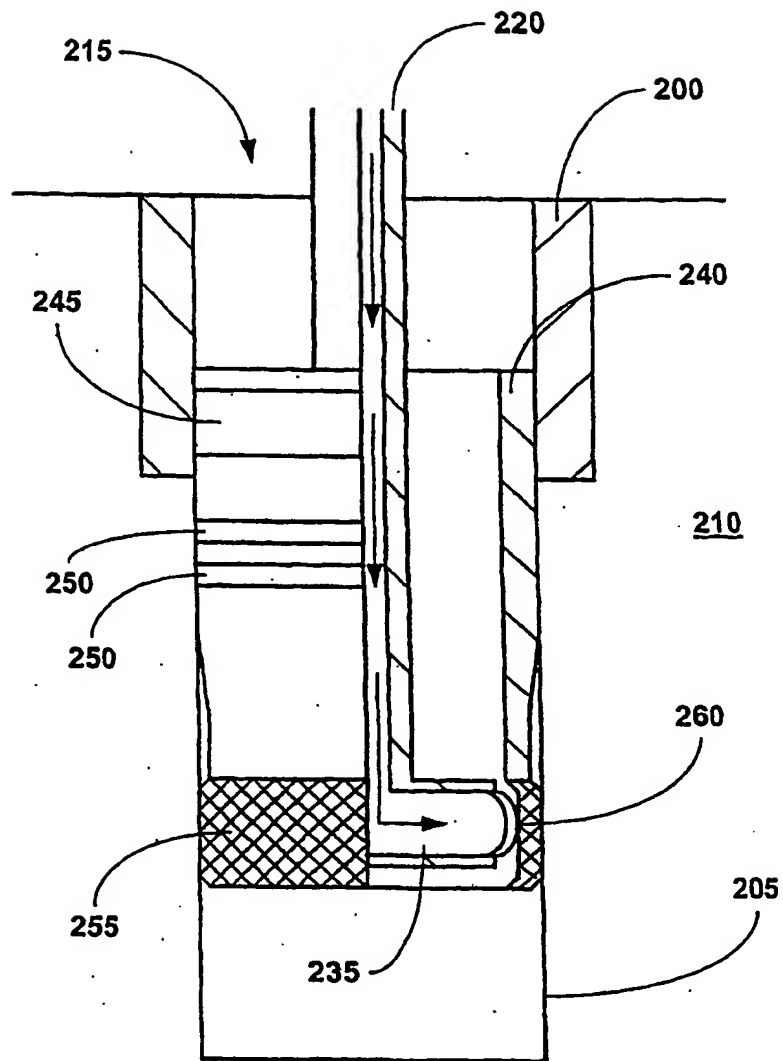


FIGURE 2e

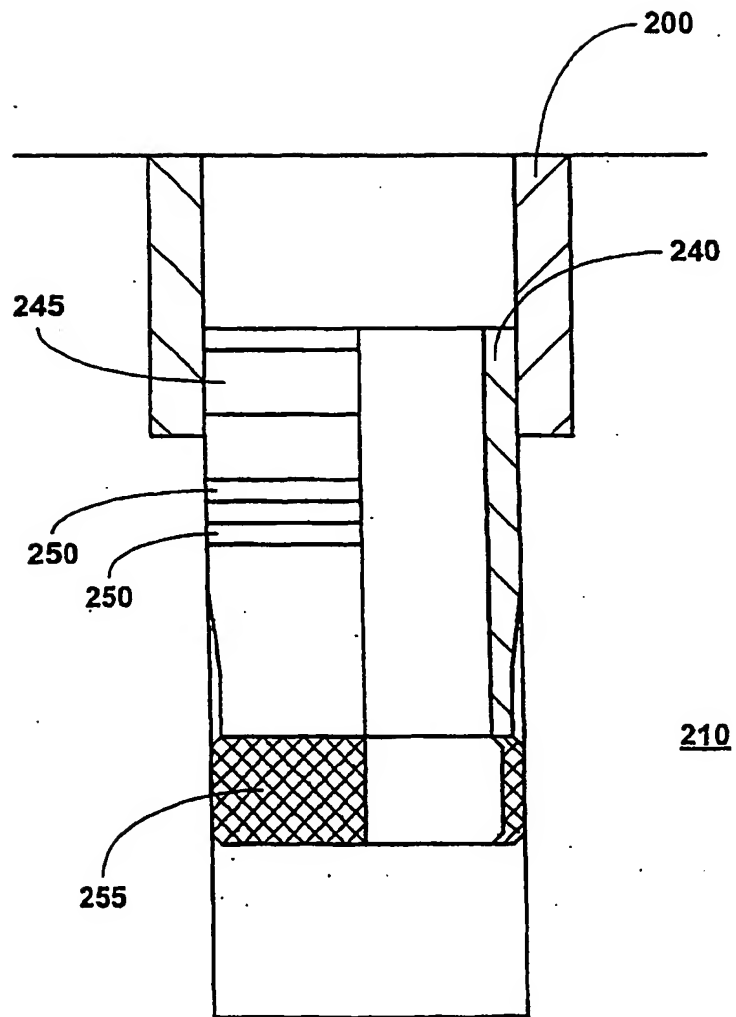
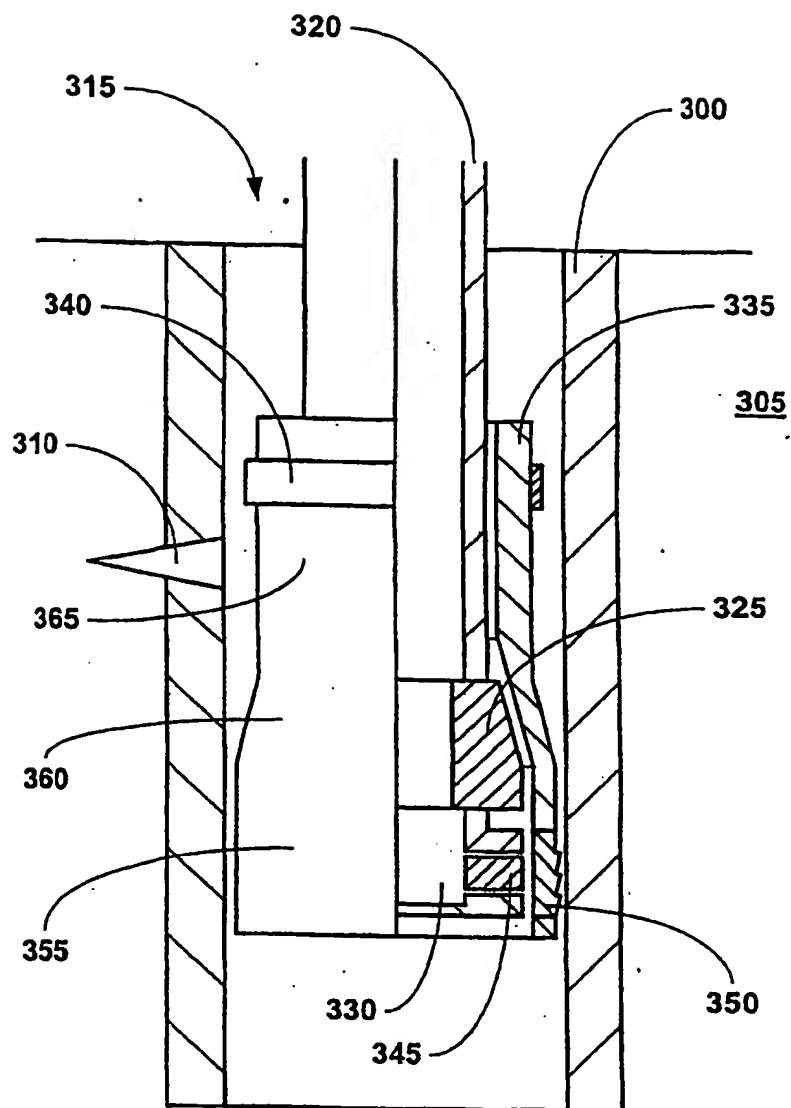


FIGURE 2f



**FIGURE 3a**

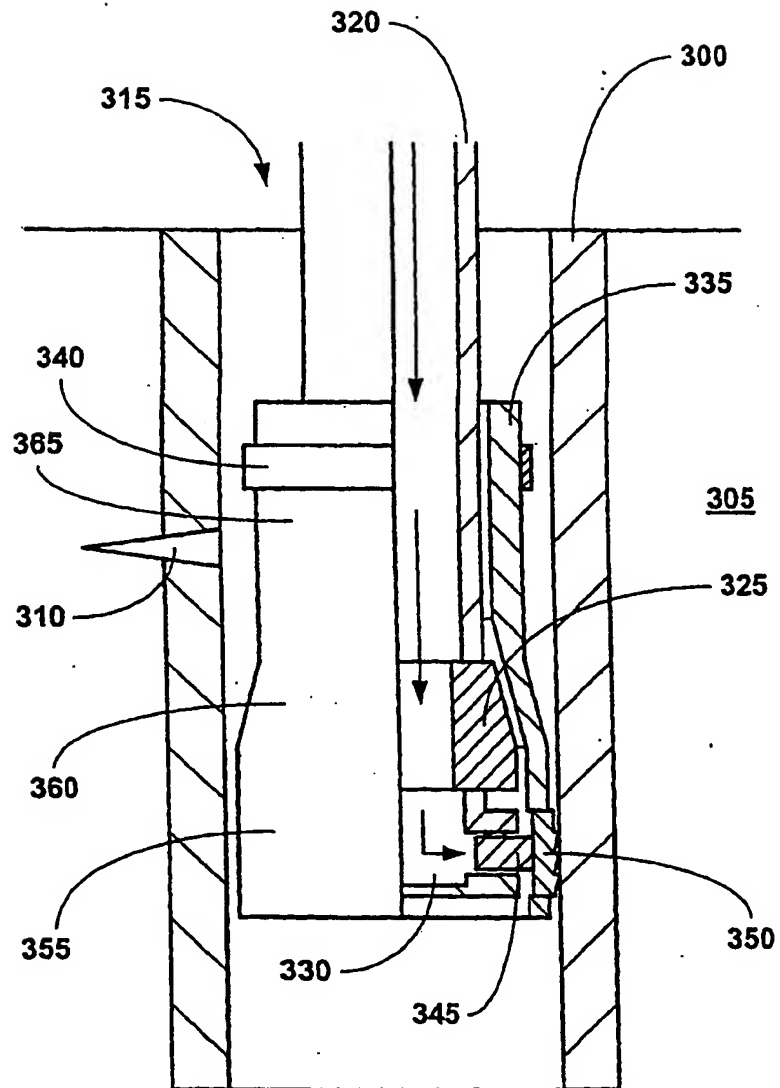


FIGURE 3b

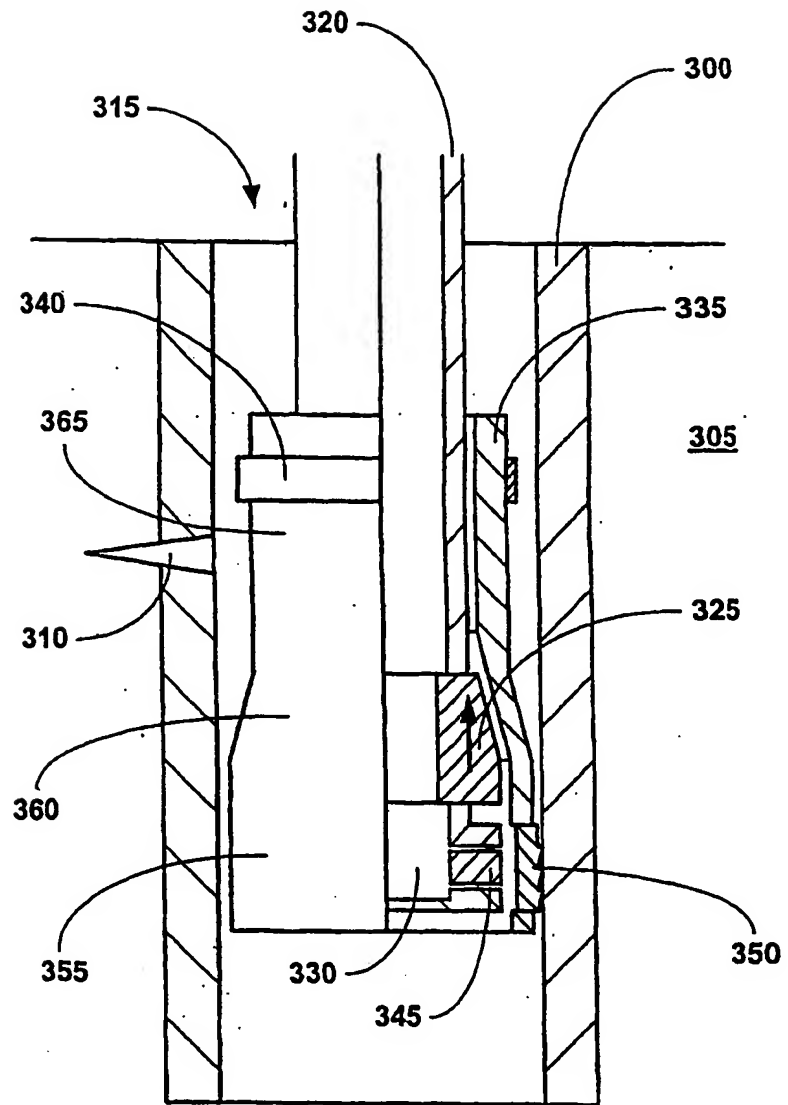


FIGURE 3c

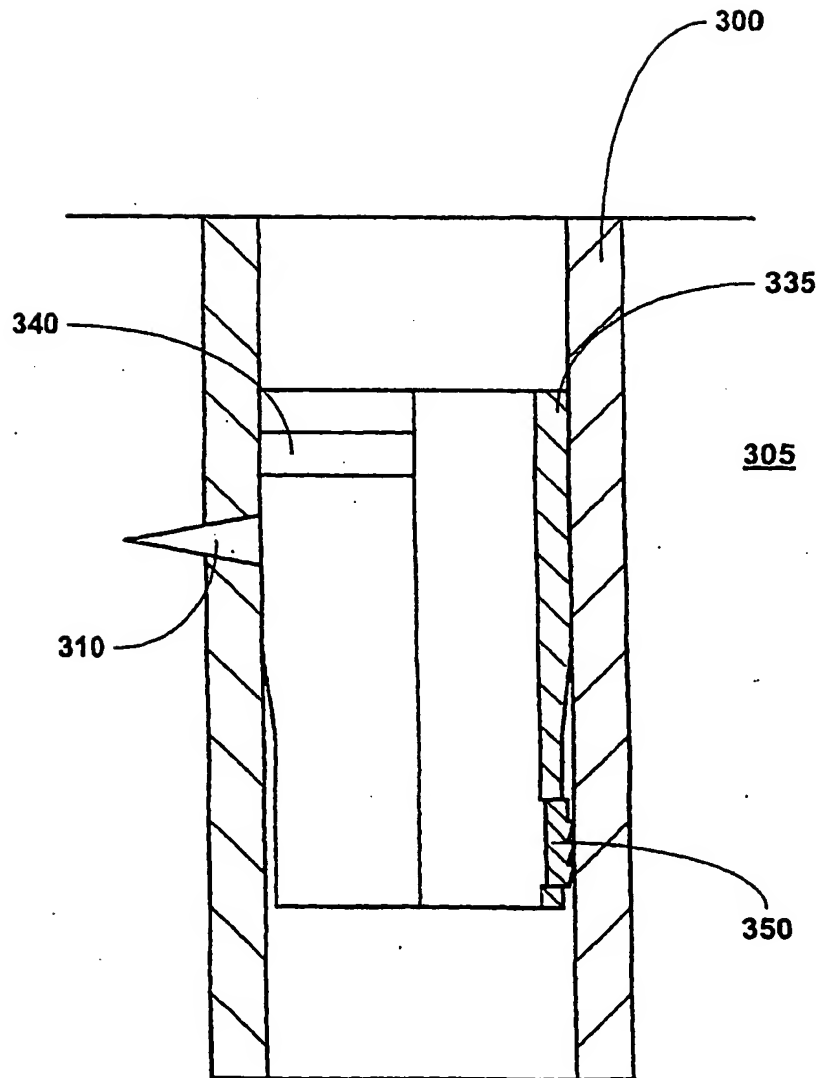


FIGURE 3d

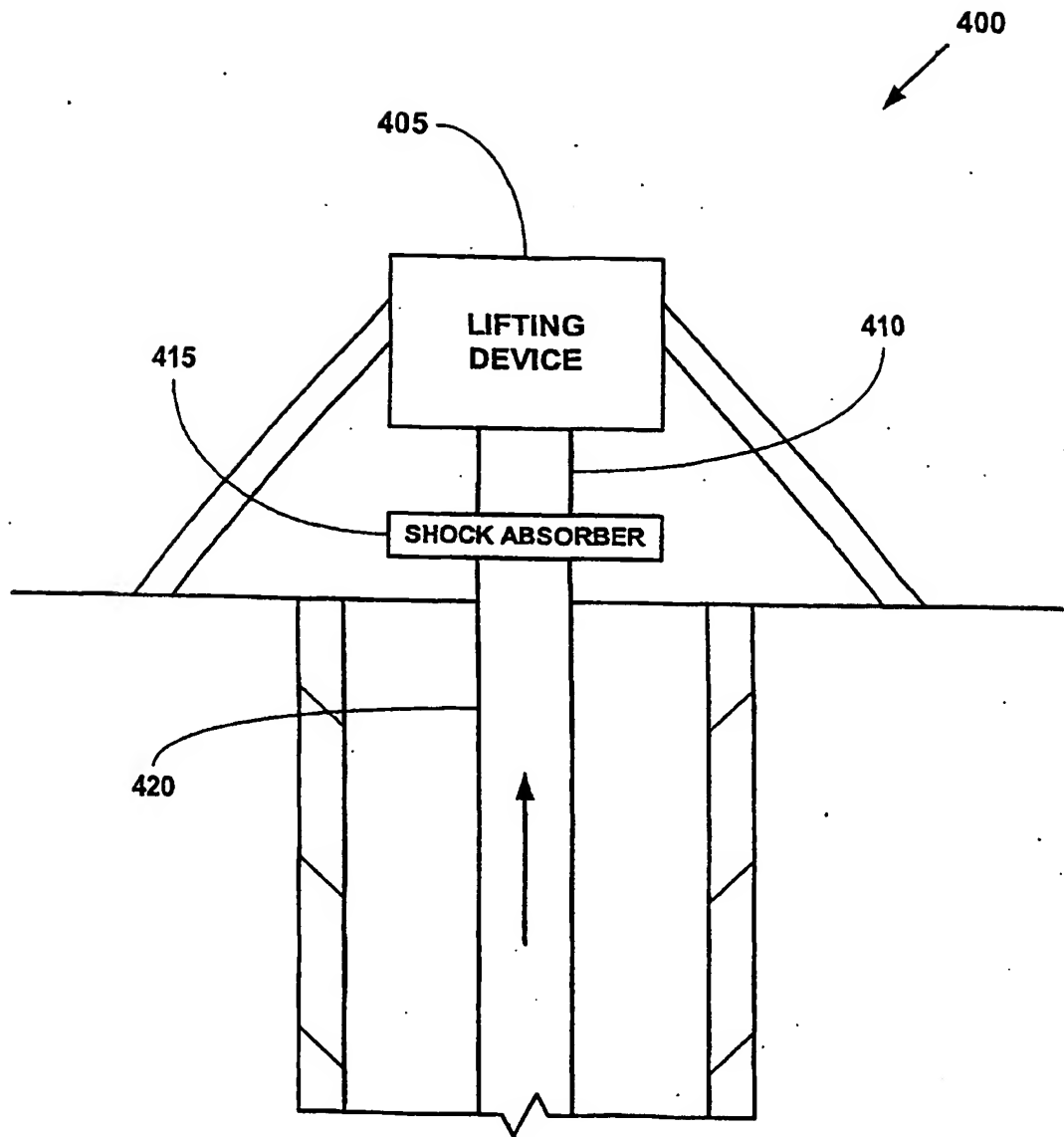


FIGURE 4

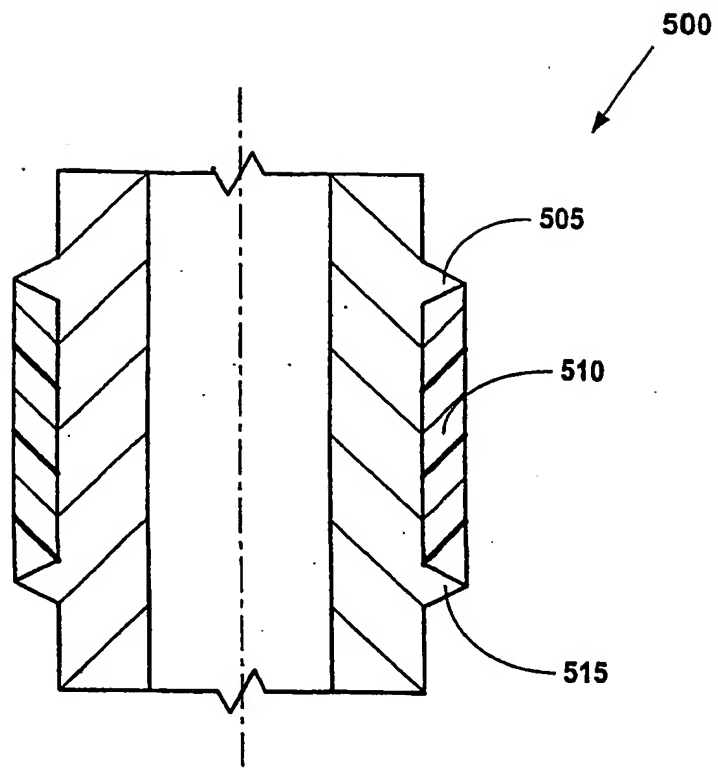


FIGURE 5

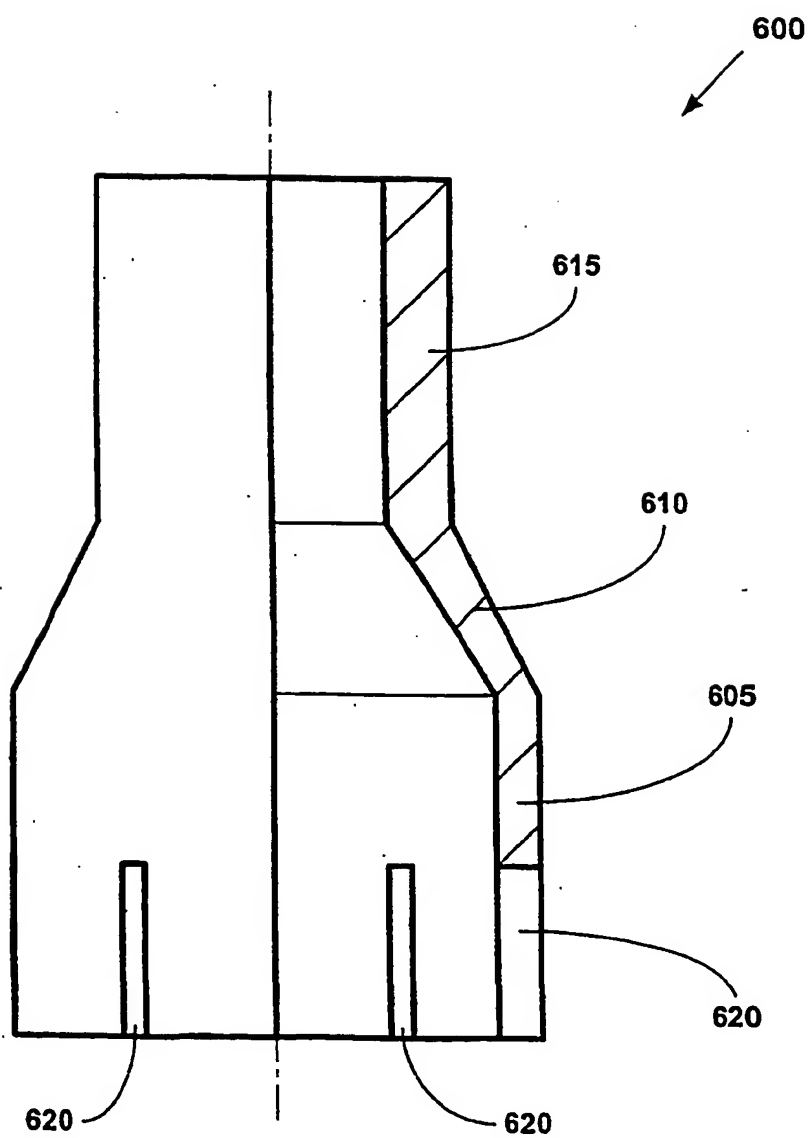


FIGURE 6

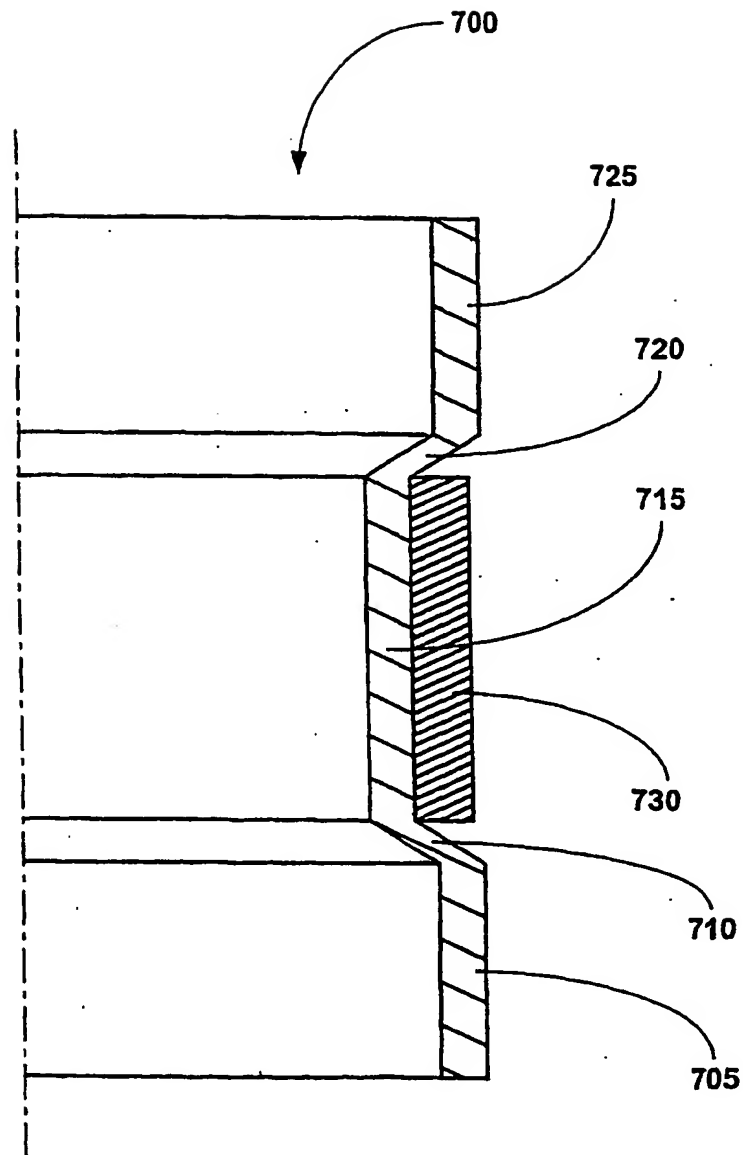


FIGURE 7

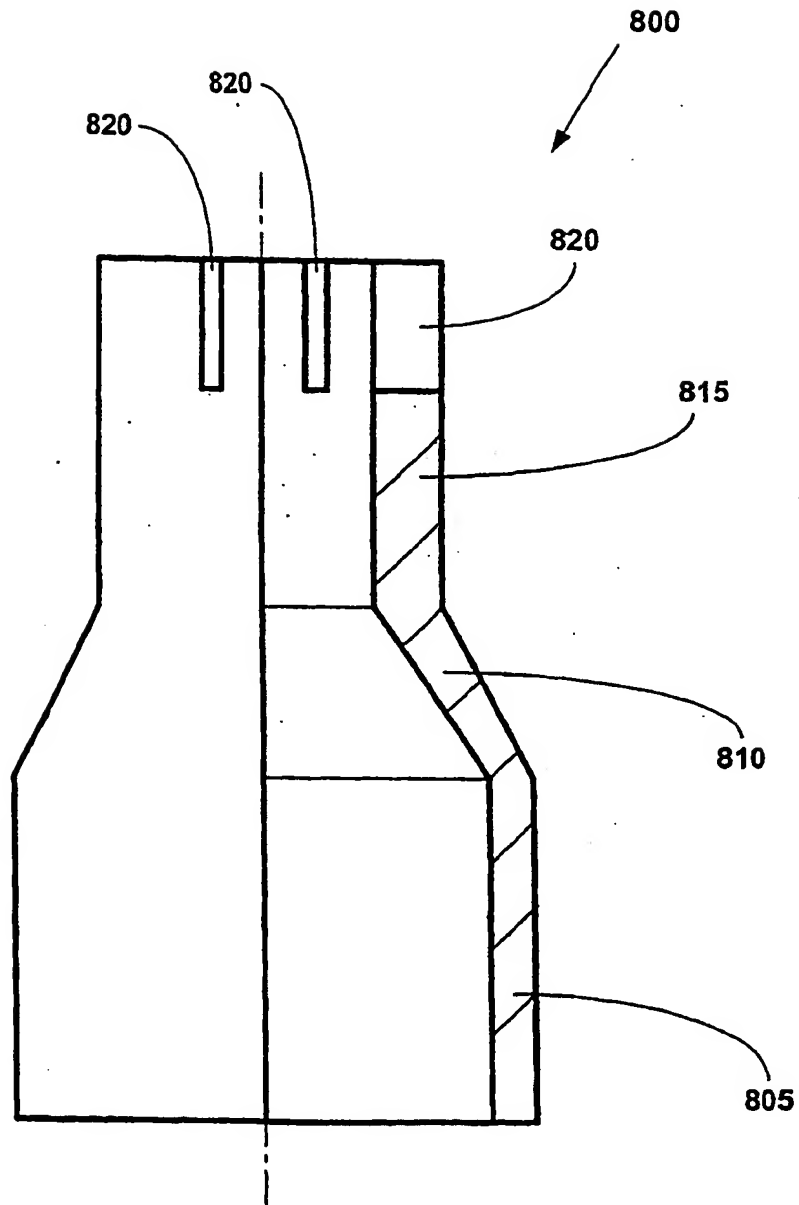


FIGURE 8

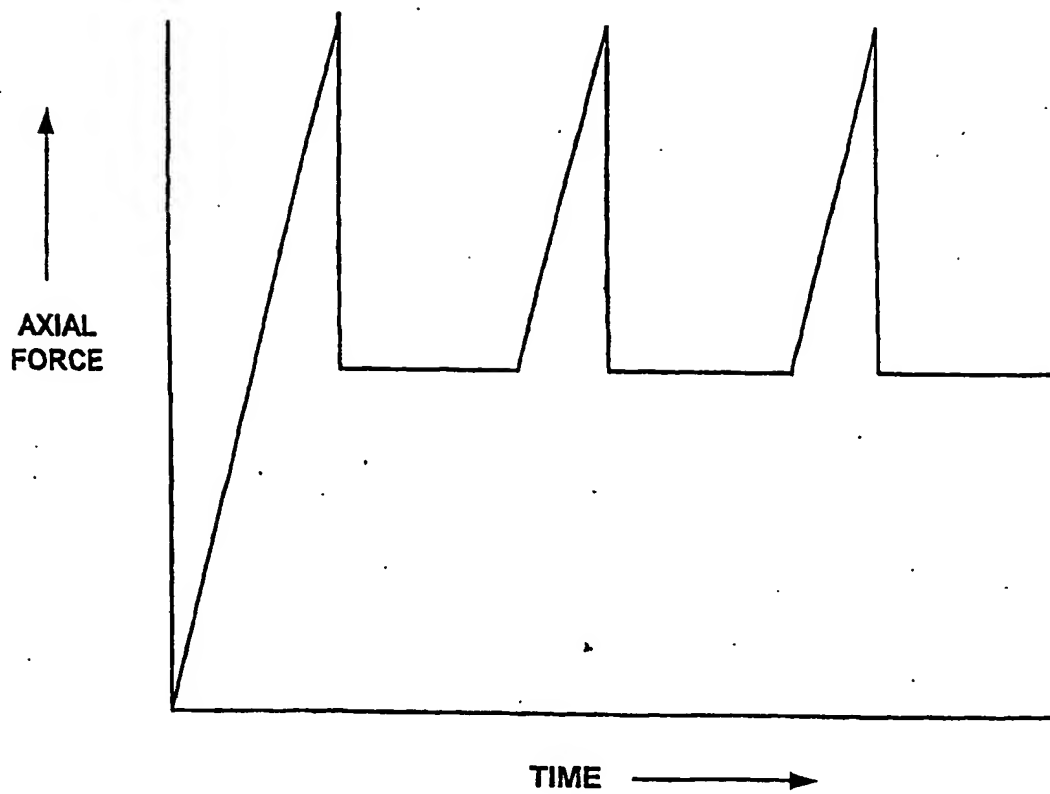


FIGURE 9

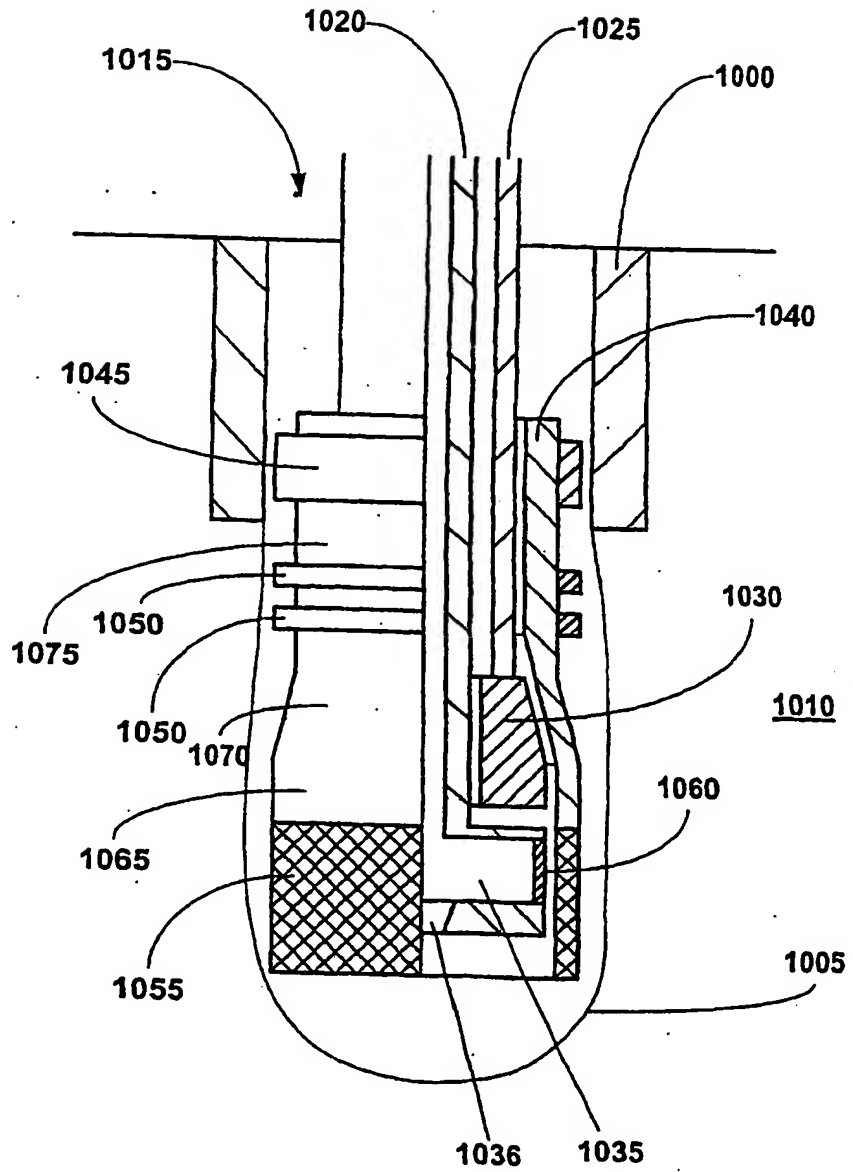


FIGURE 10a

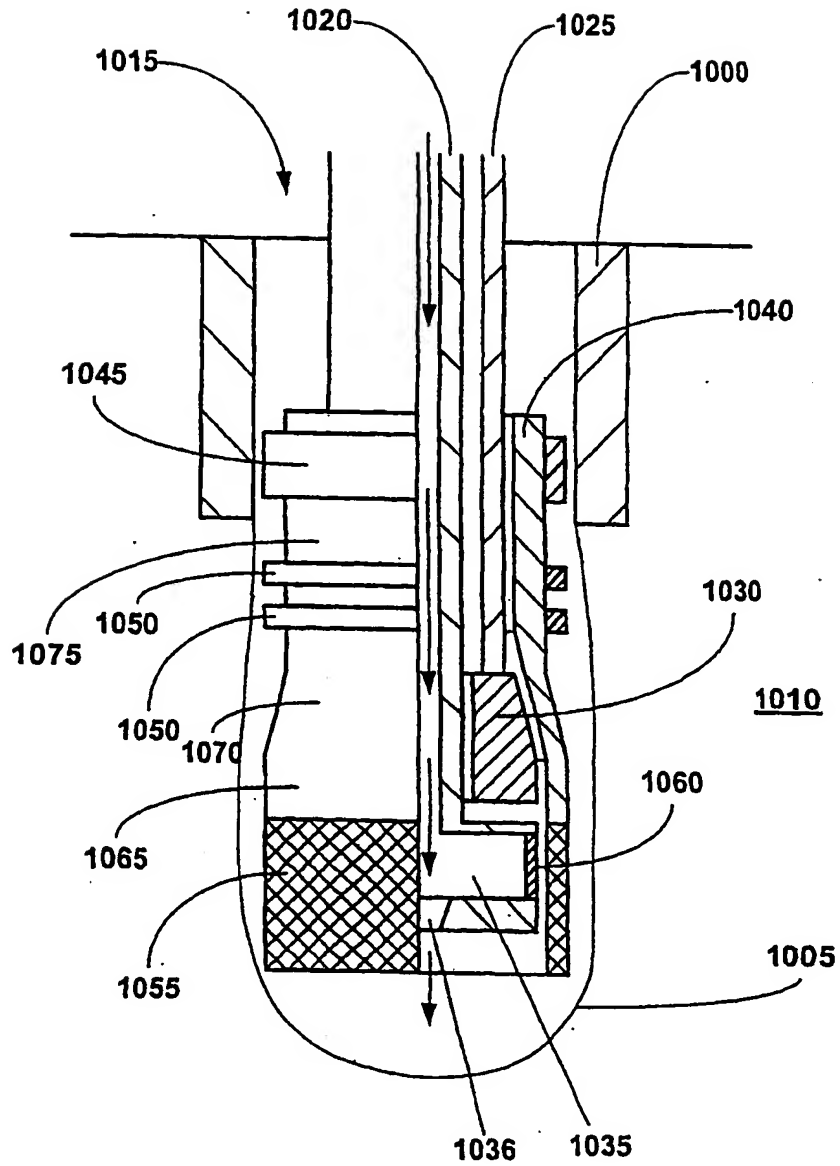


FIGURE 10b

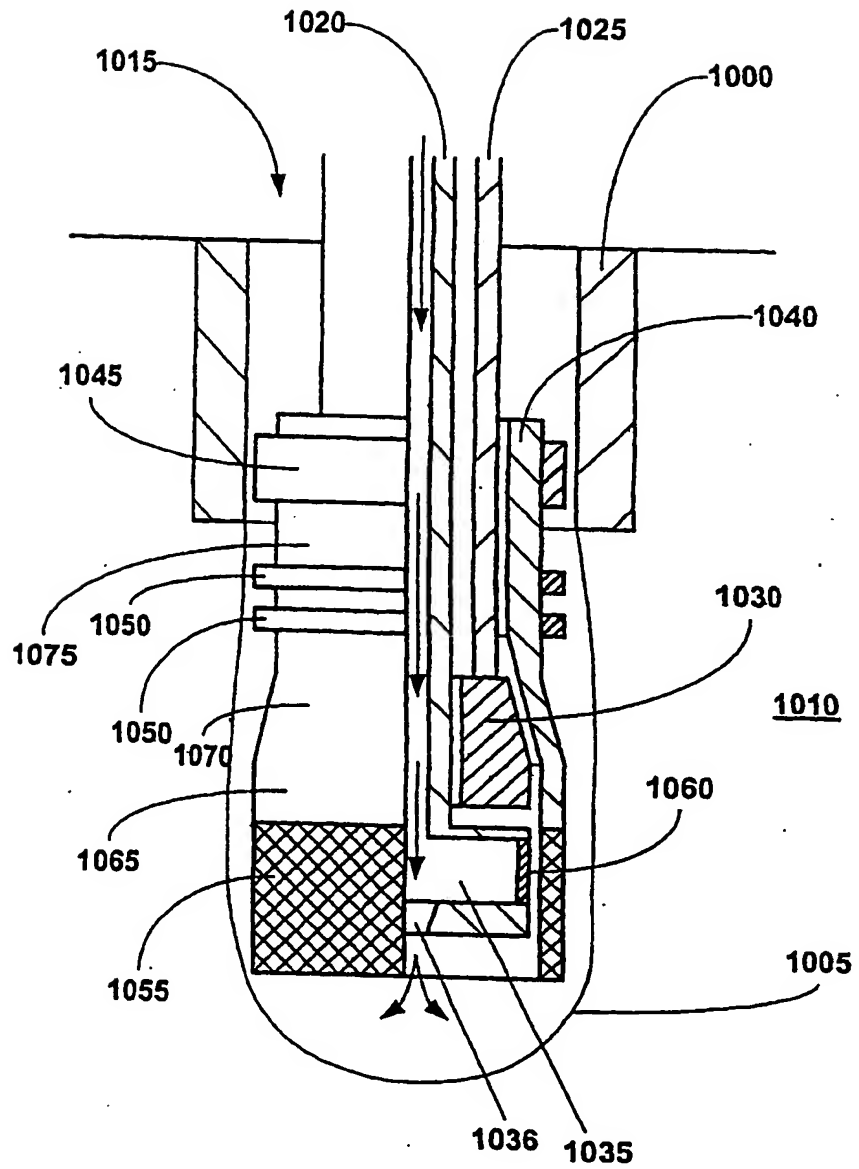
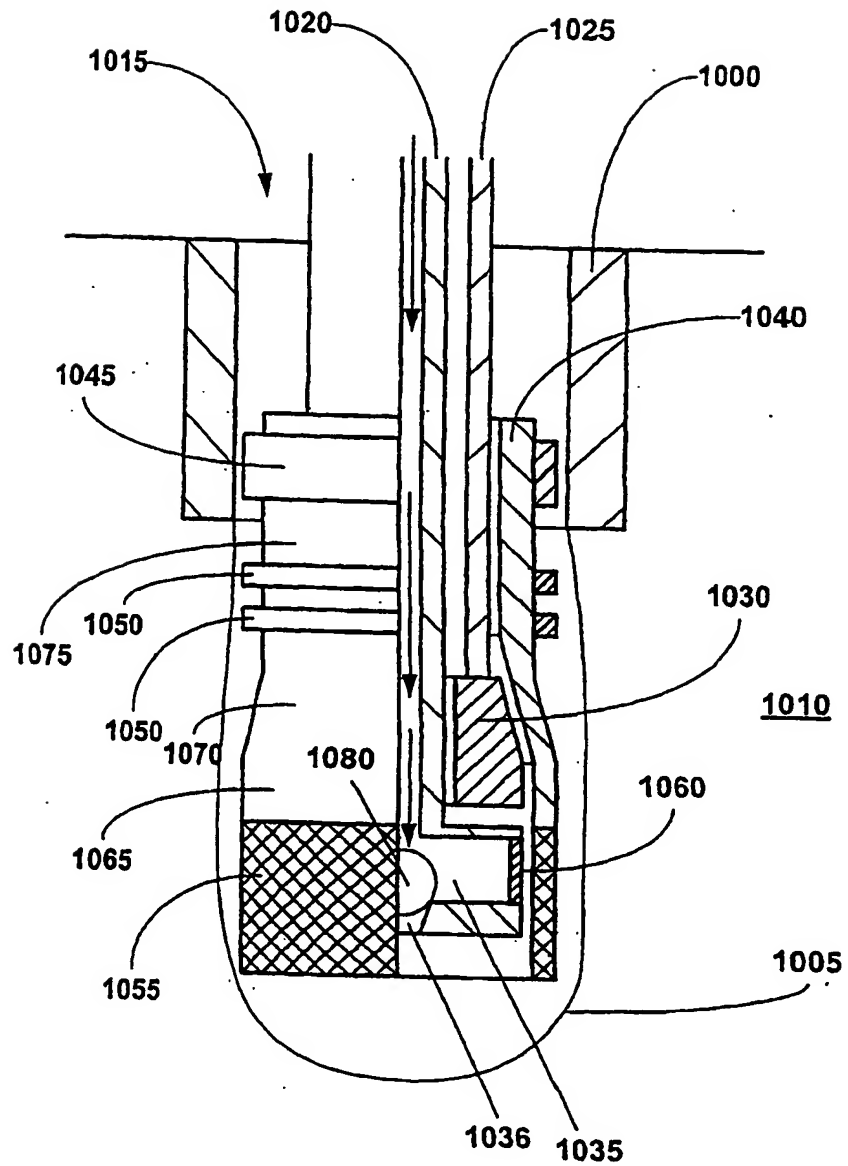


FIGURE 10c



**FIGURE 10d**

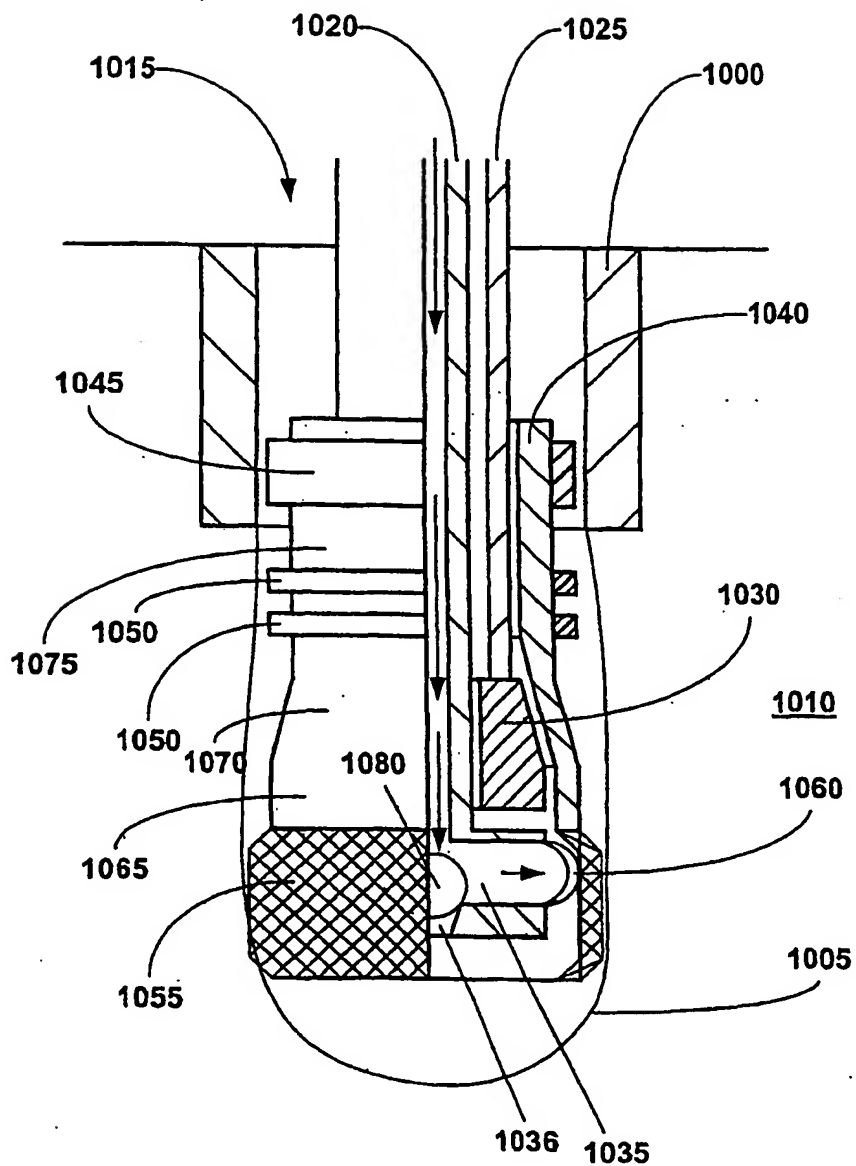


FIGURE 10e

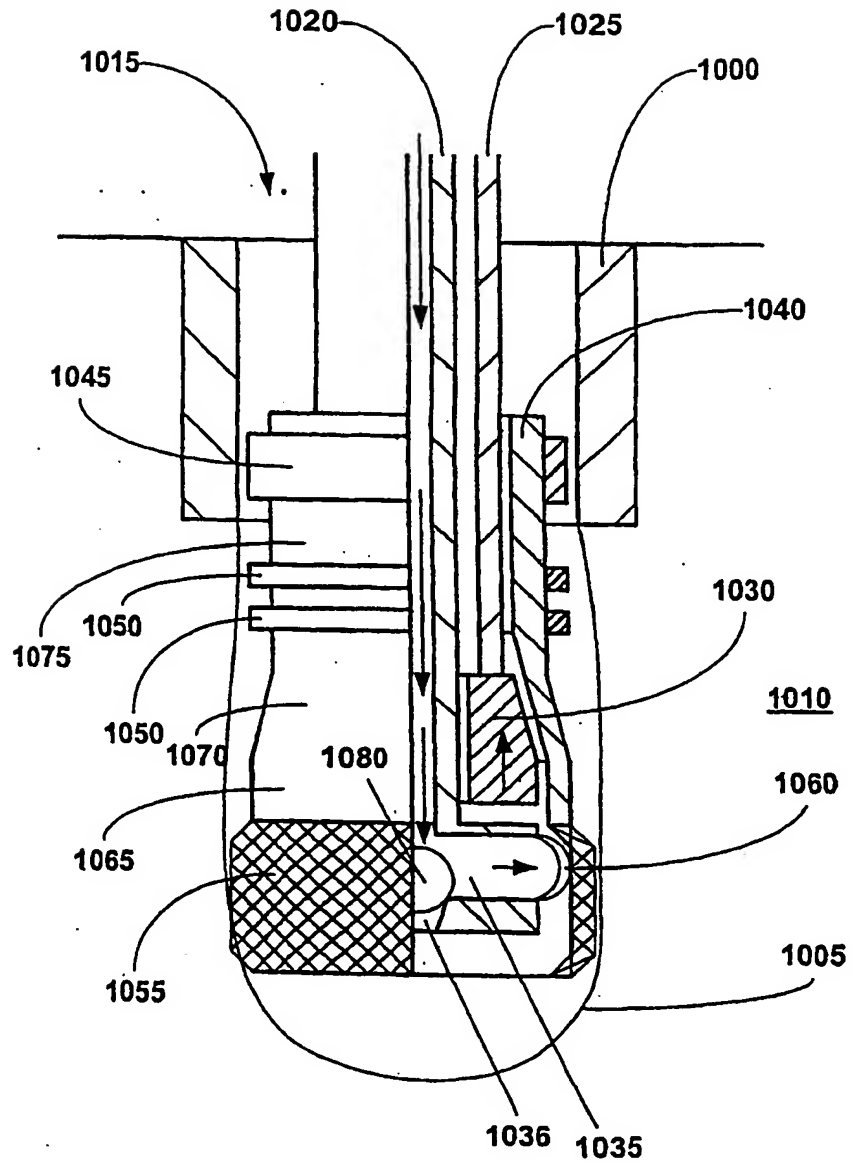


FIGURE 10f

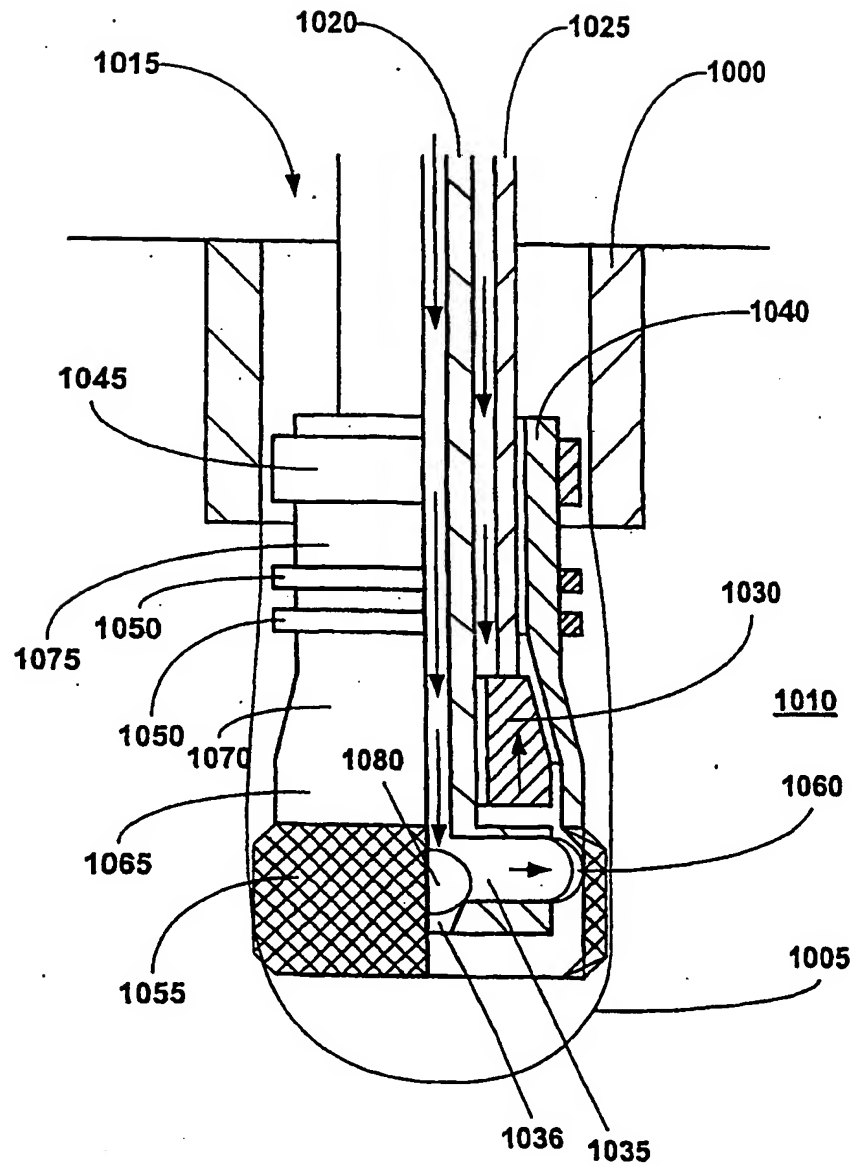


FIGURE 10g

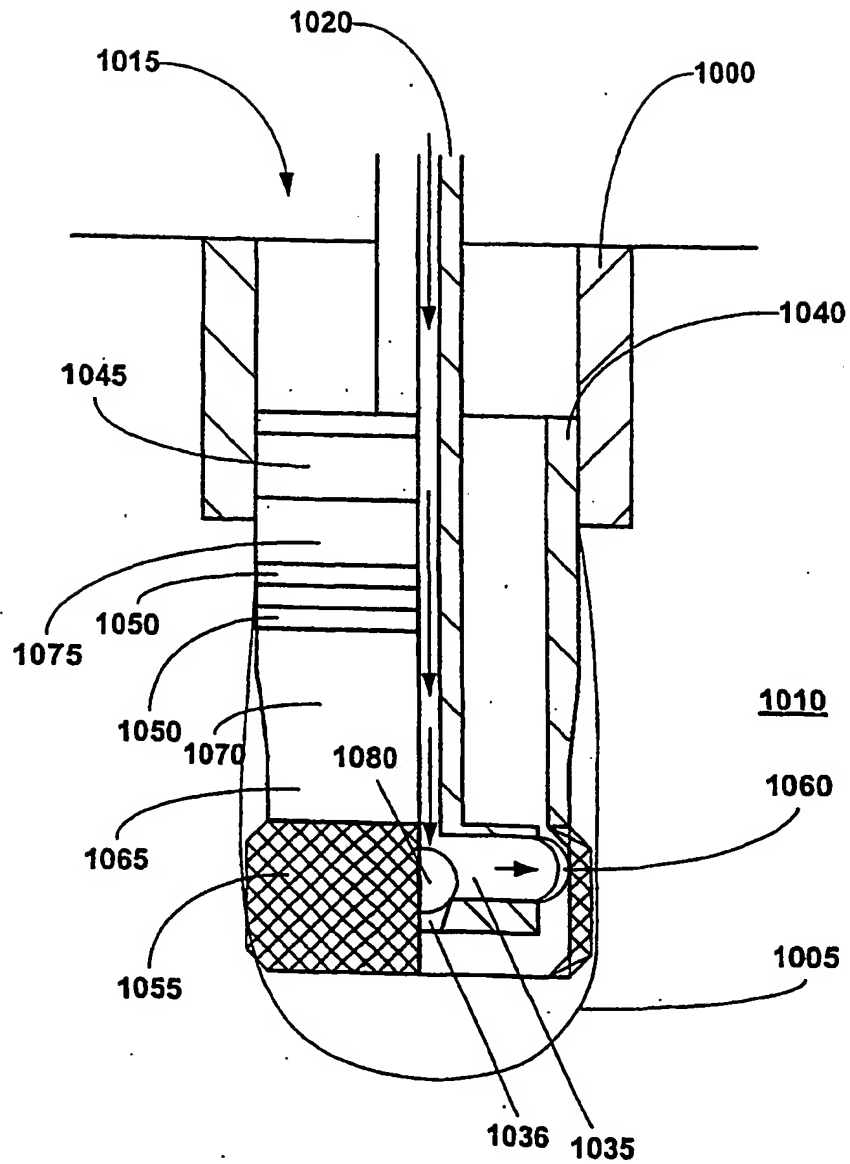


FIGURE 10h

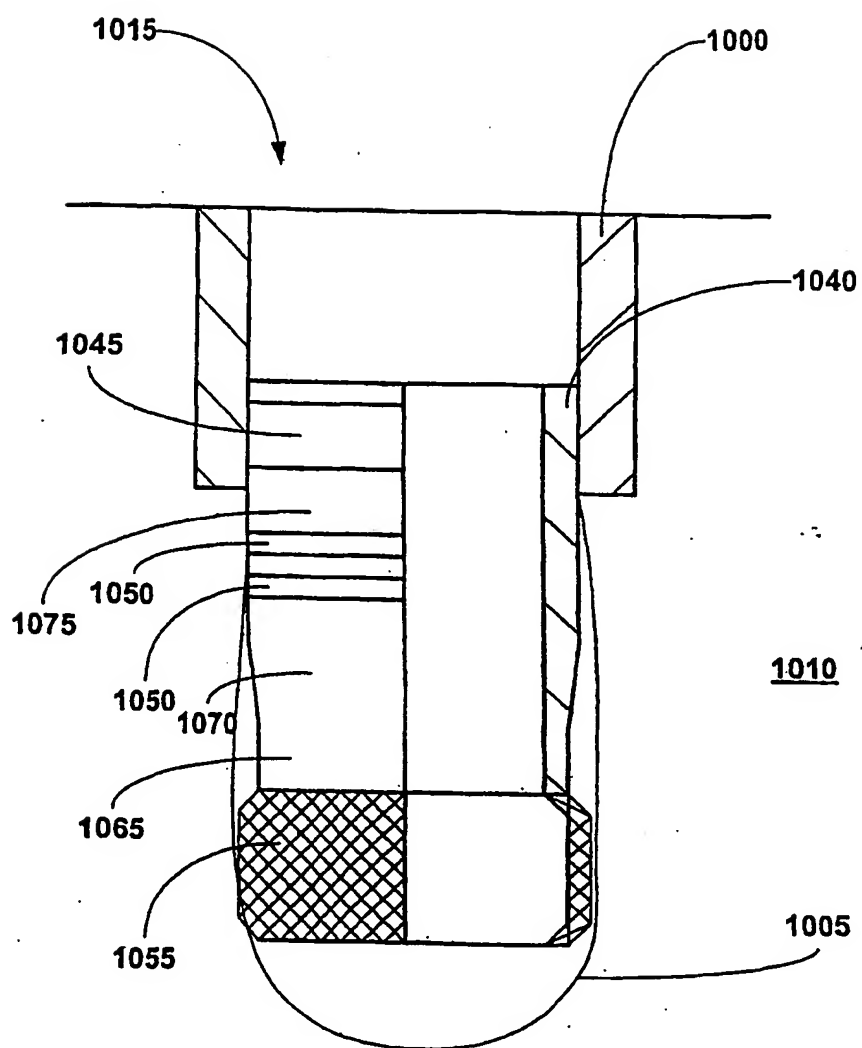


FIGURE 101

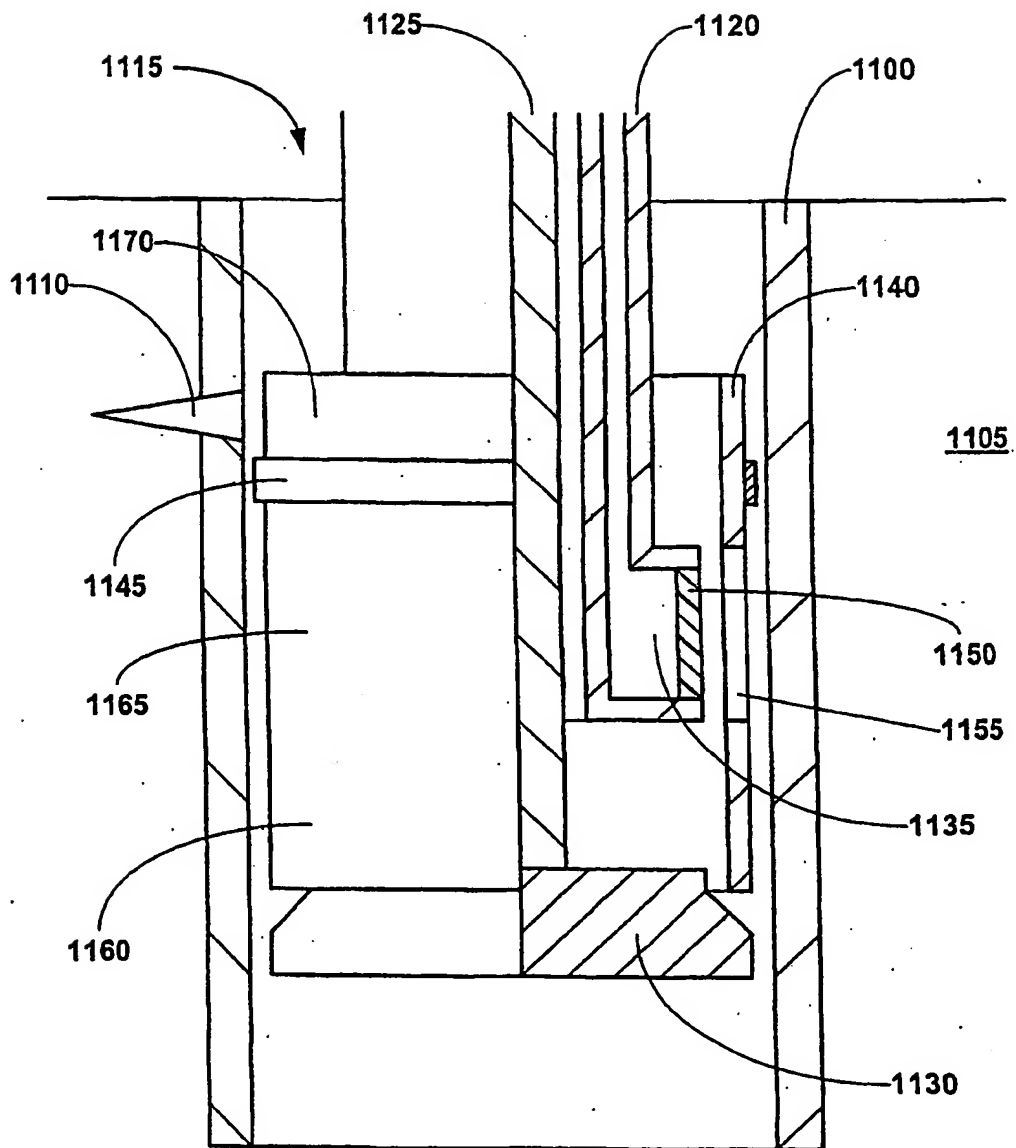


FIGURE 11a

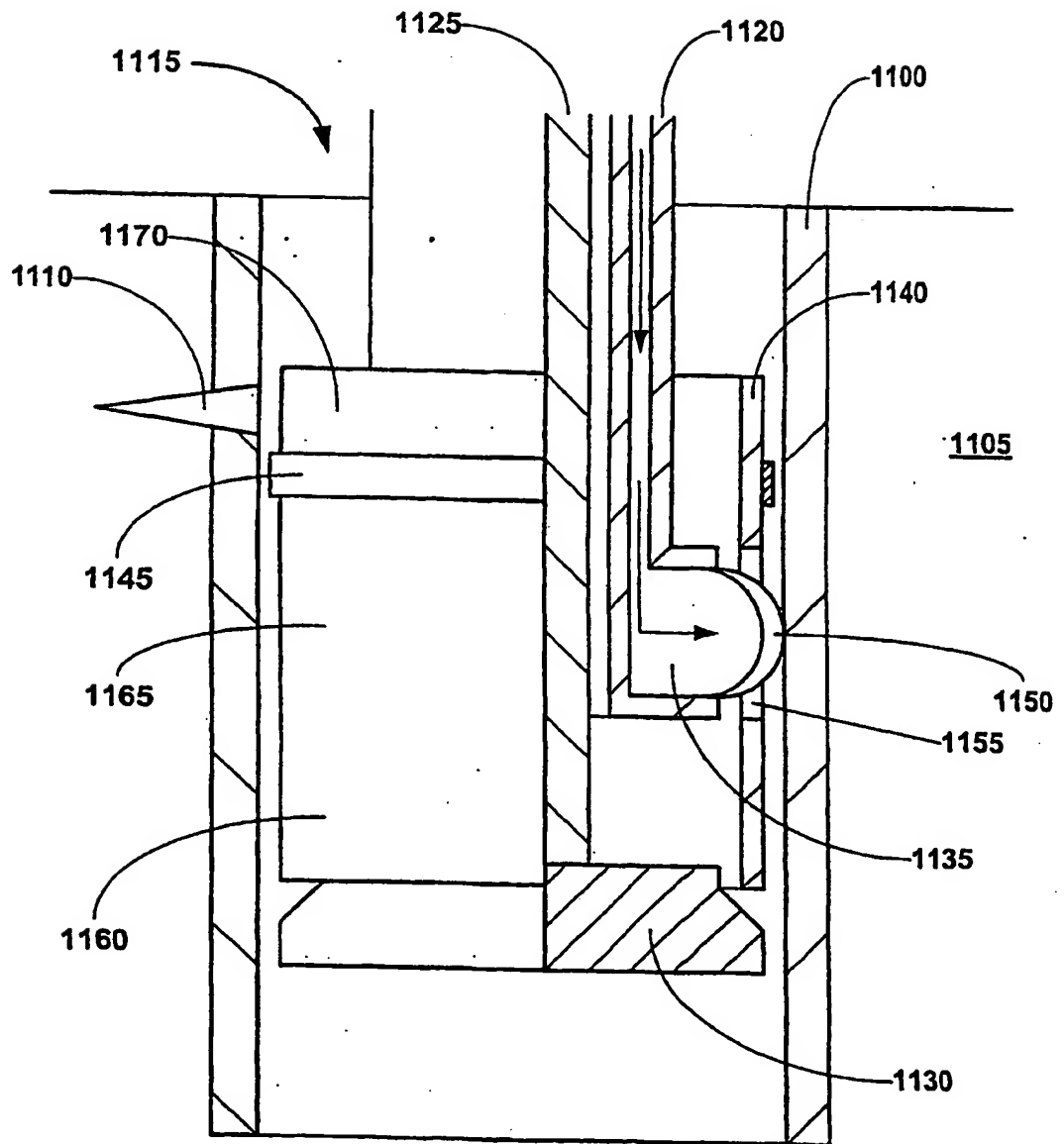


FIGURE 11b

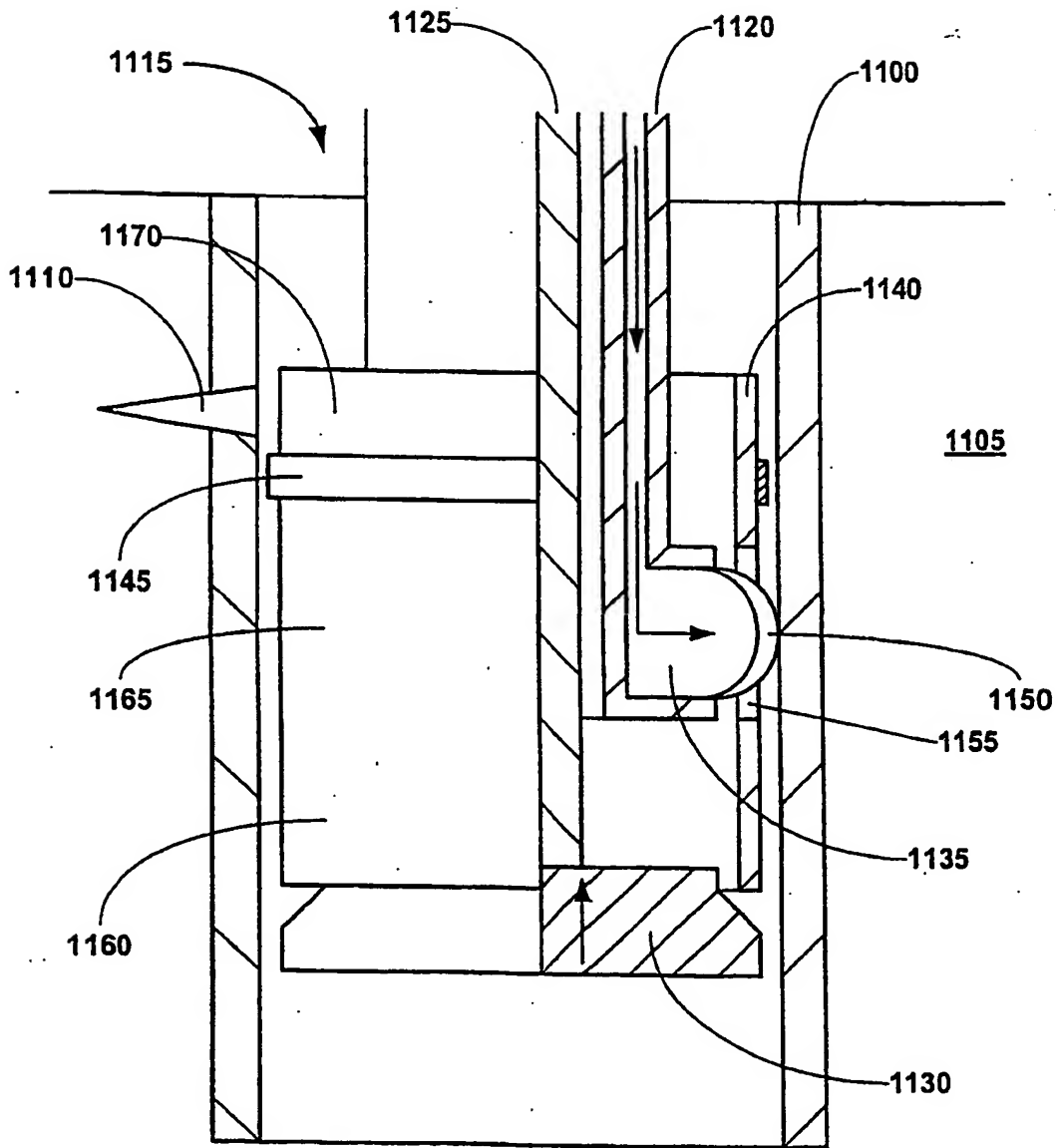


FIGURE 11c

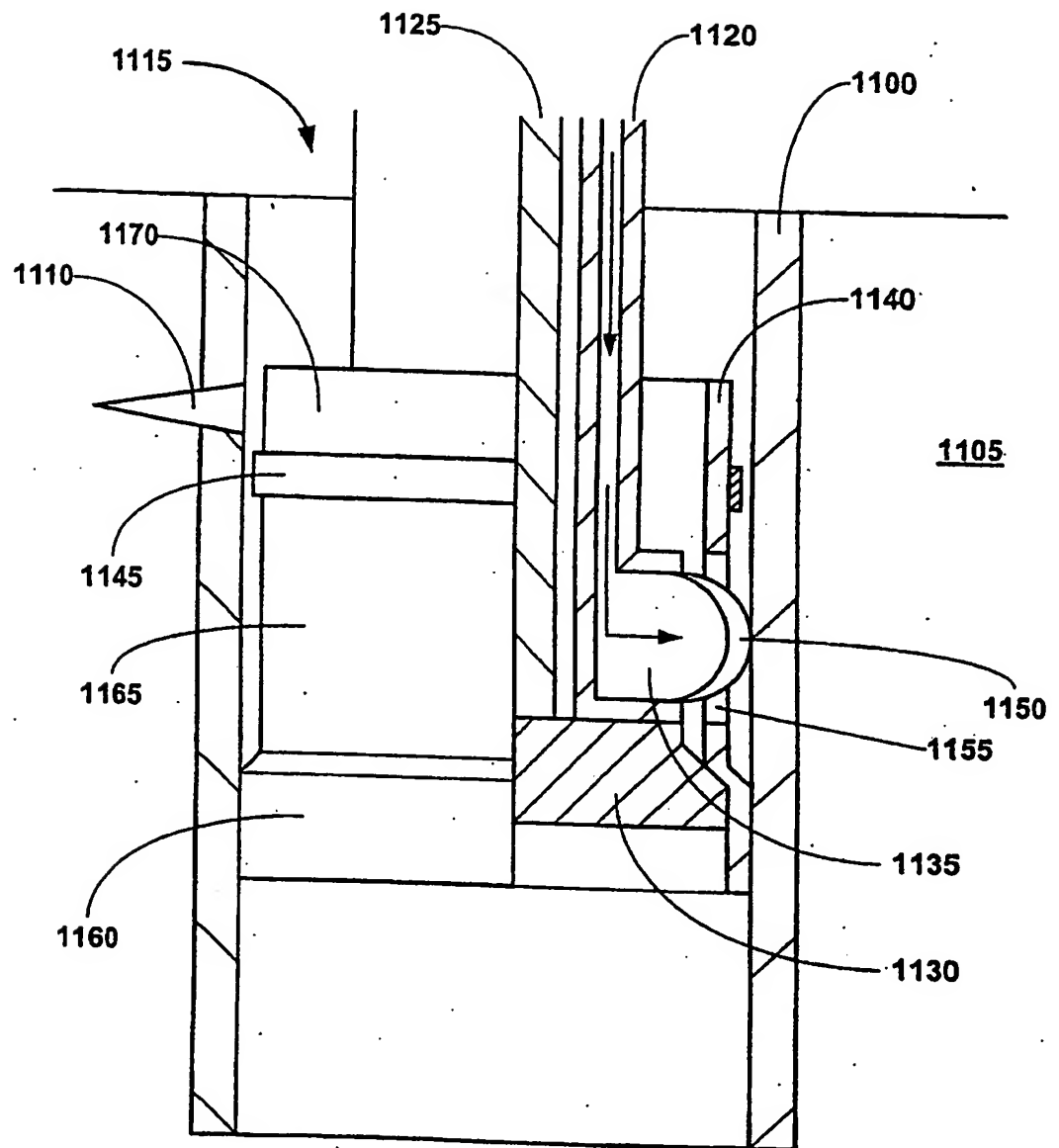


FIGURE 11d

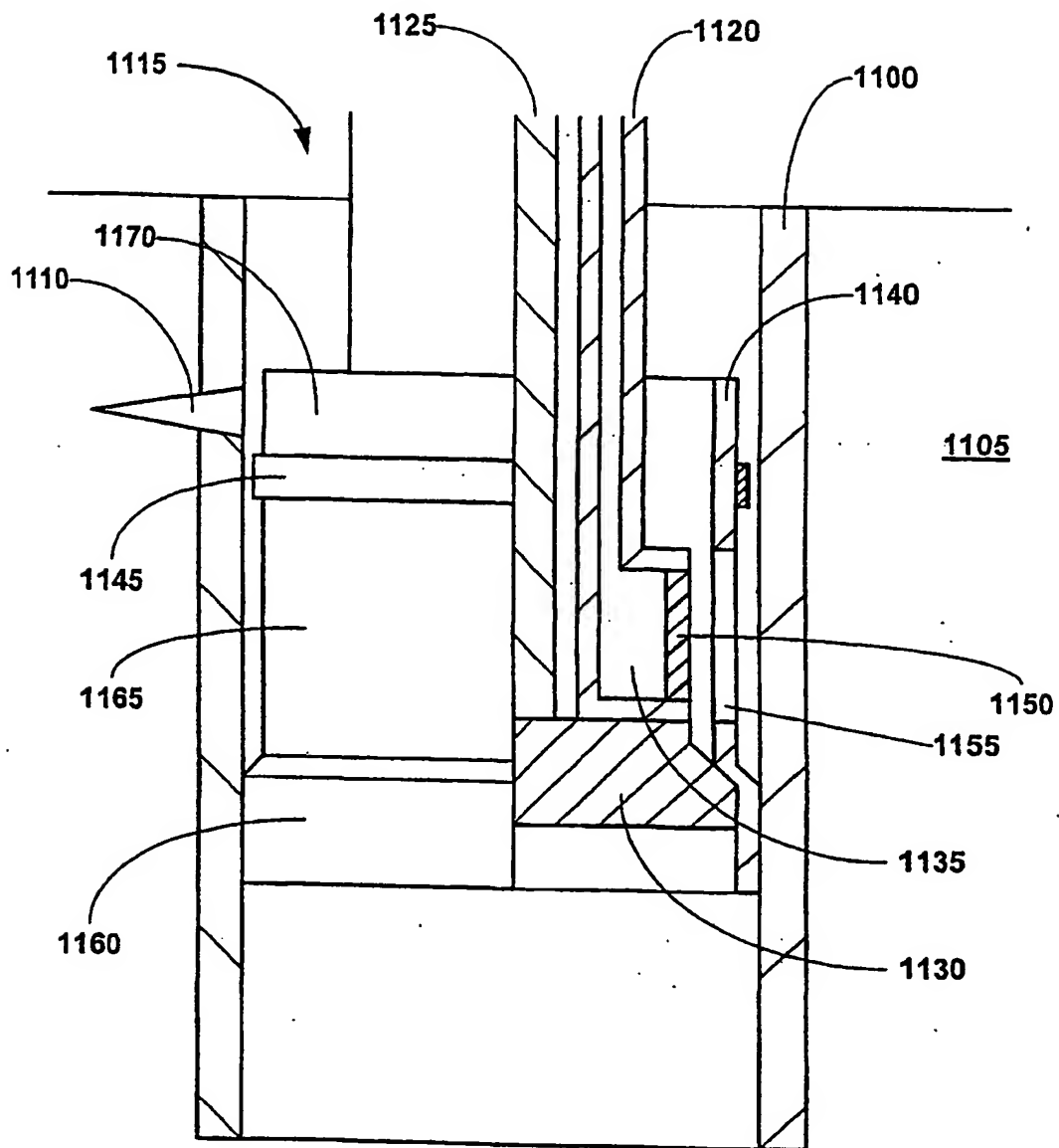


FIGURE 11e

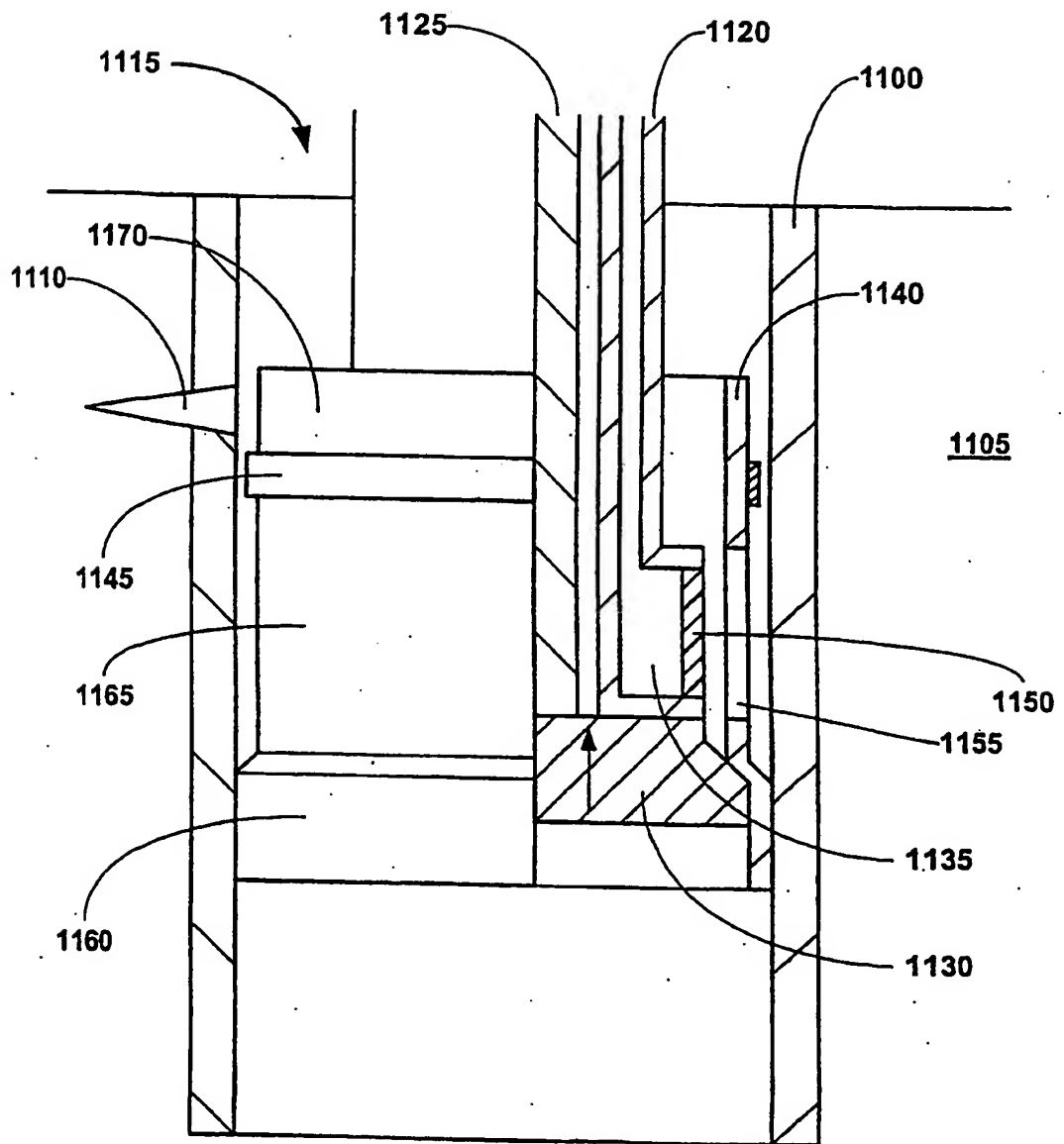


FIGURE 11f

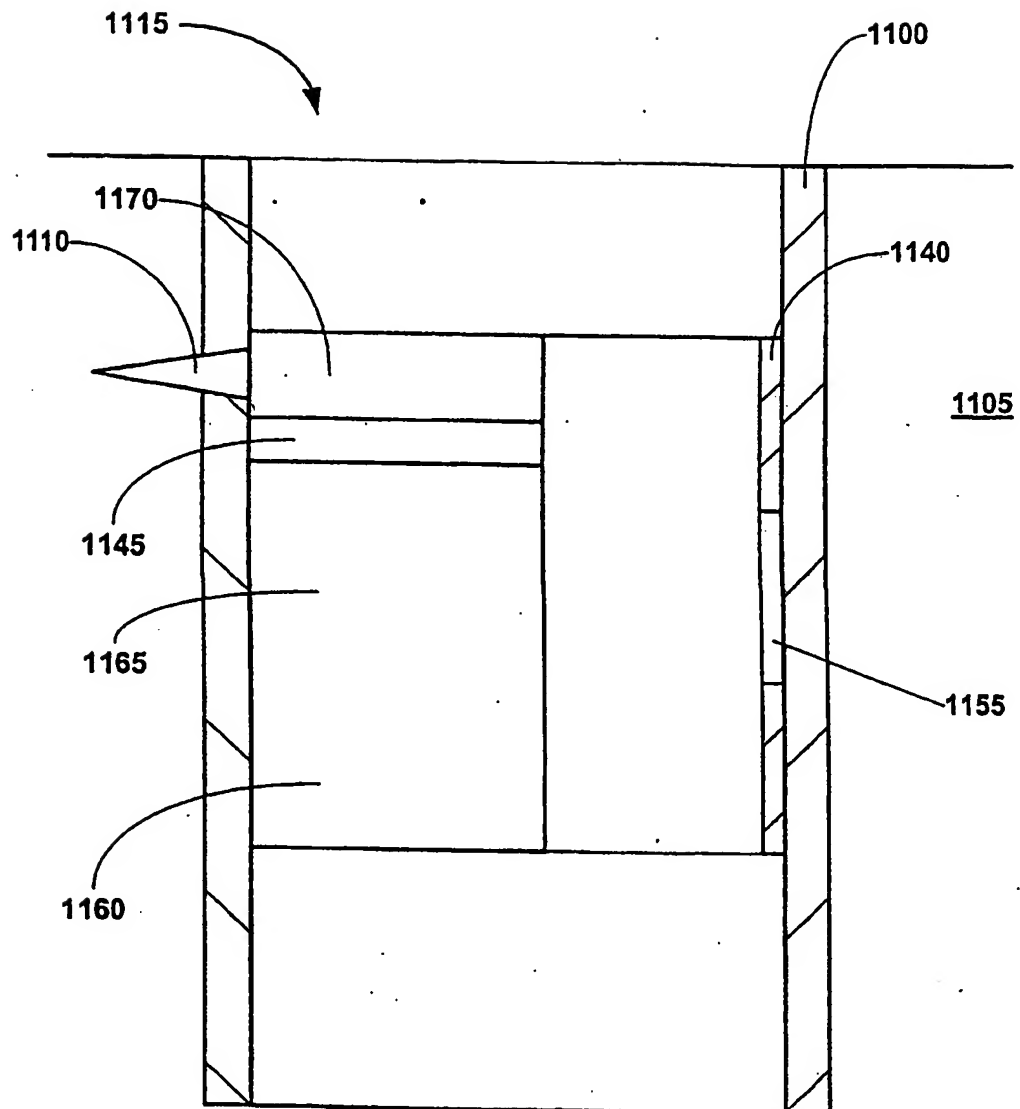


FIGURE 11g

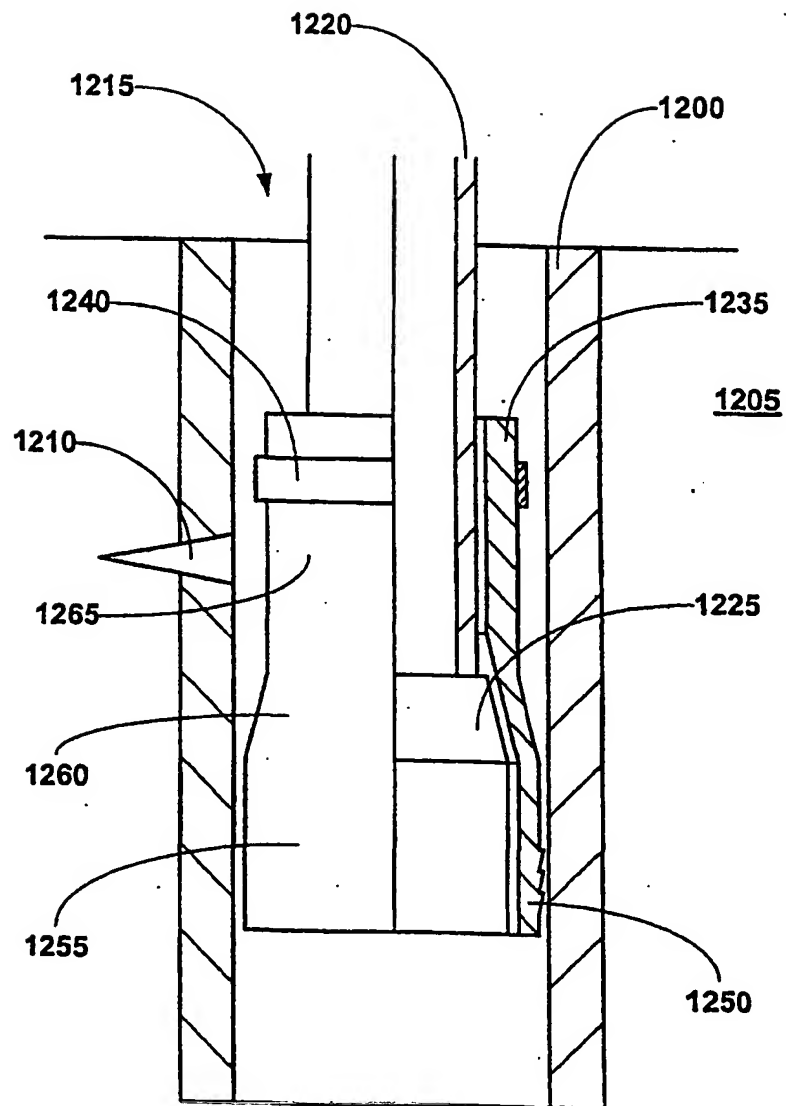


FIGURE 12a

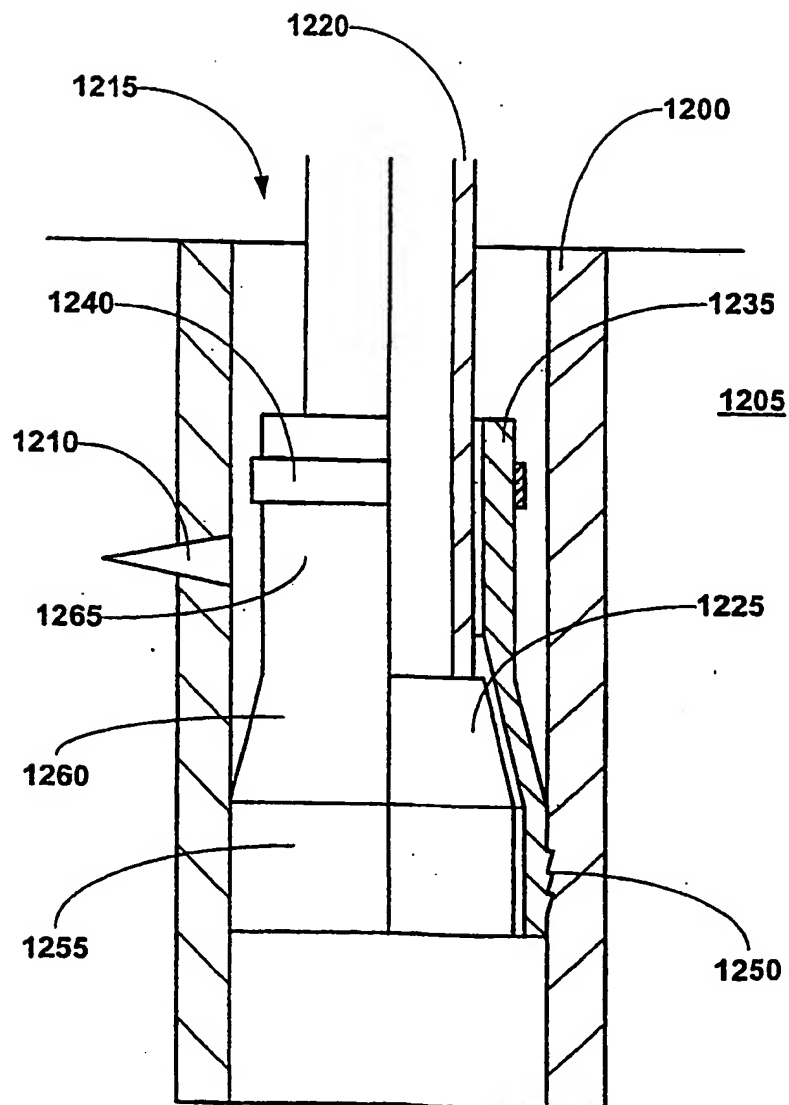


FIGURE 12b

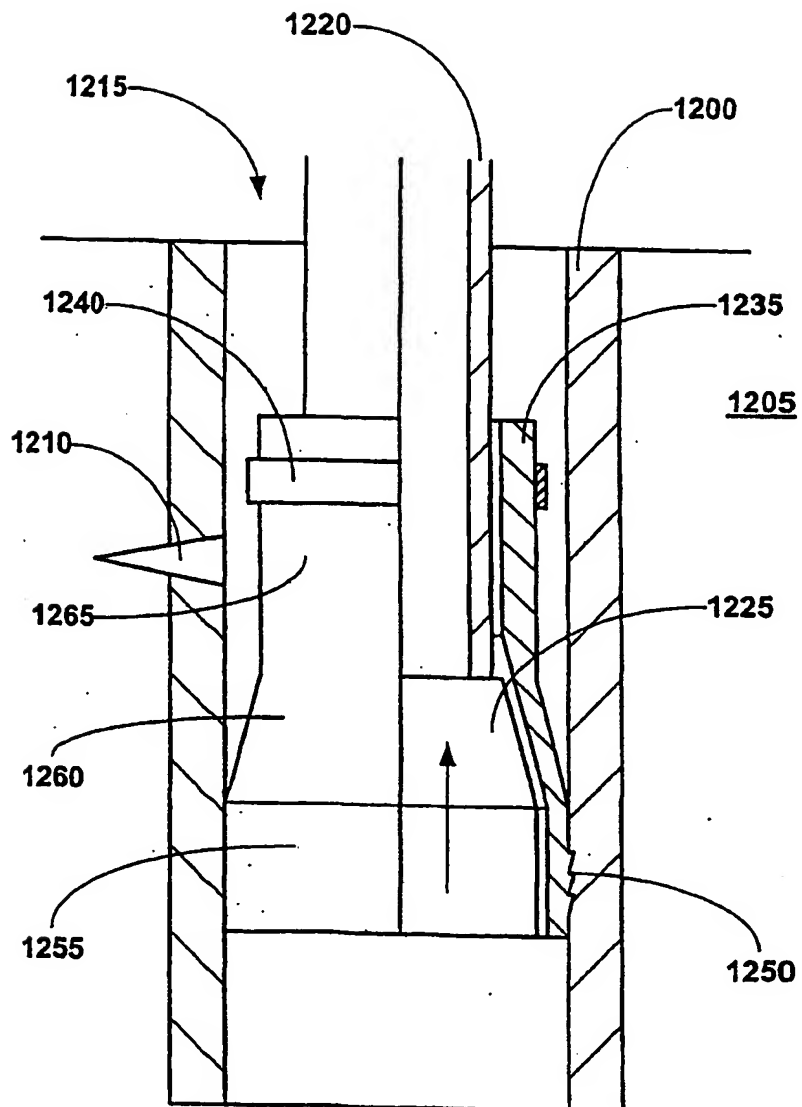


FIGURE 12c

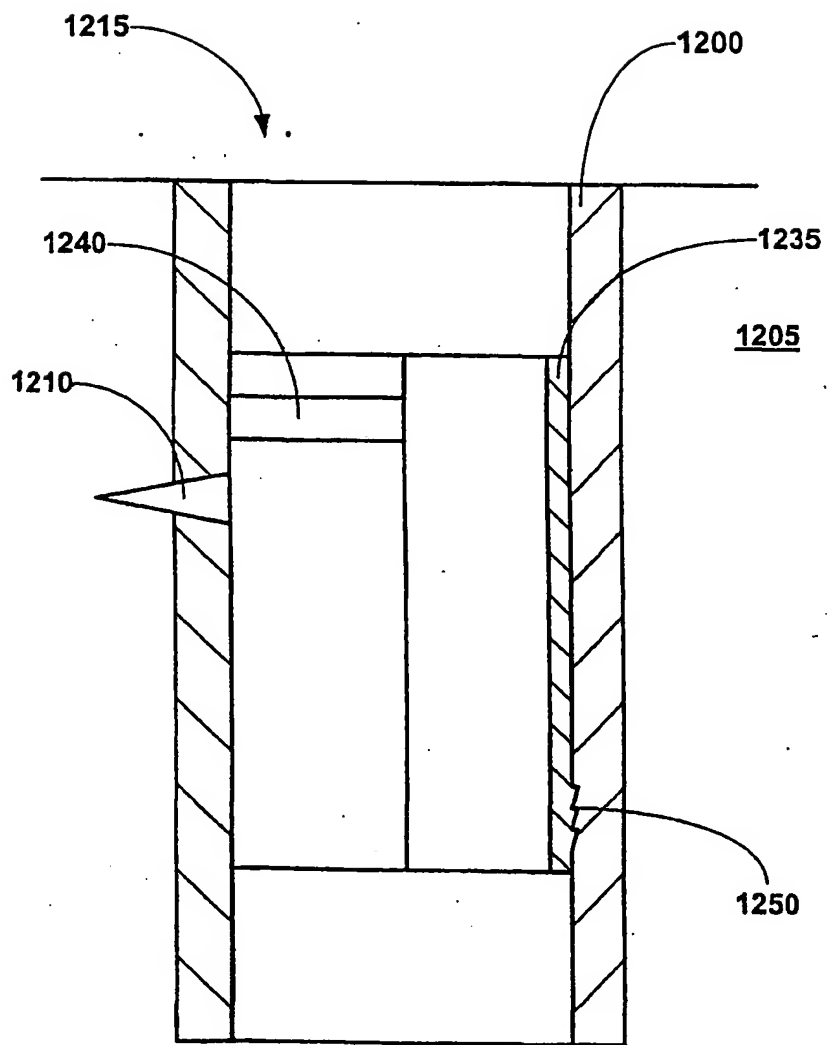


FIGURE 12d



**FIGURE 13a**

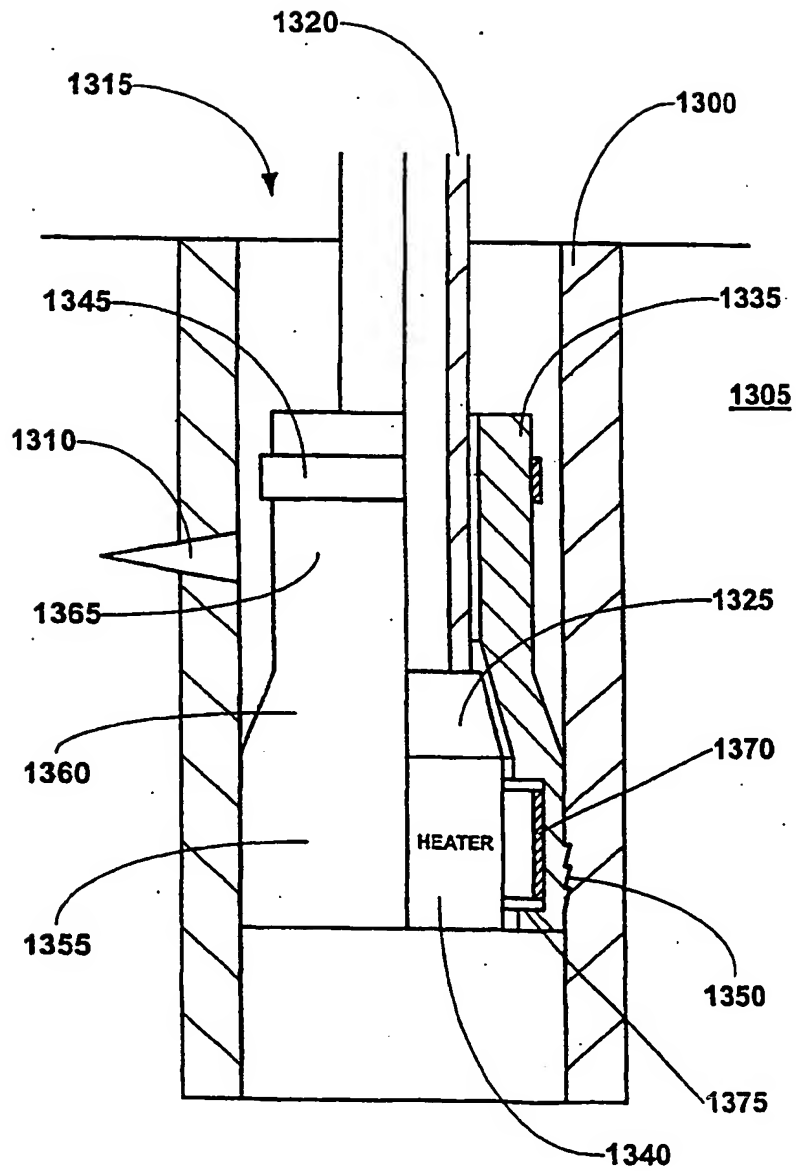


FIGURE 13b

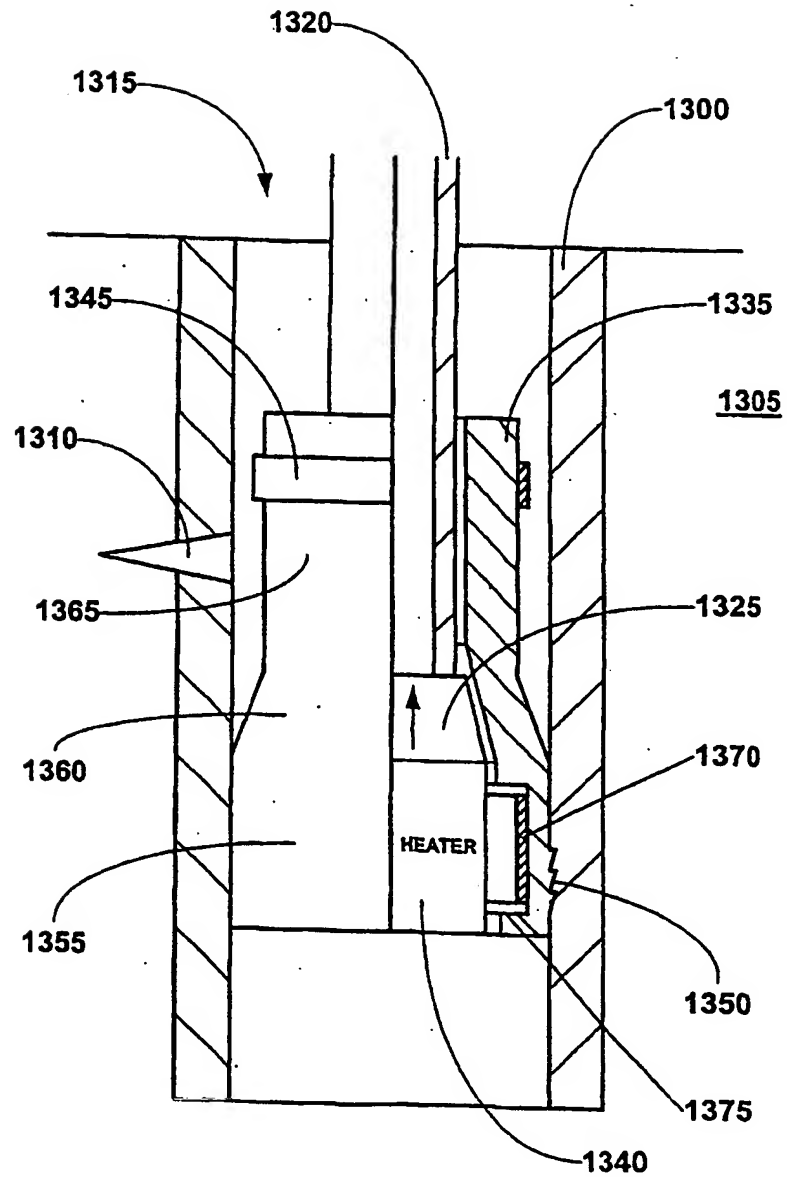


FIGURE 13c

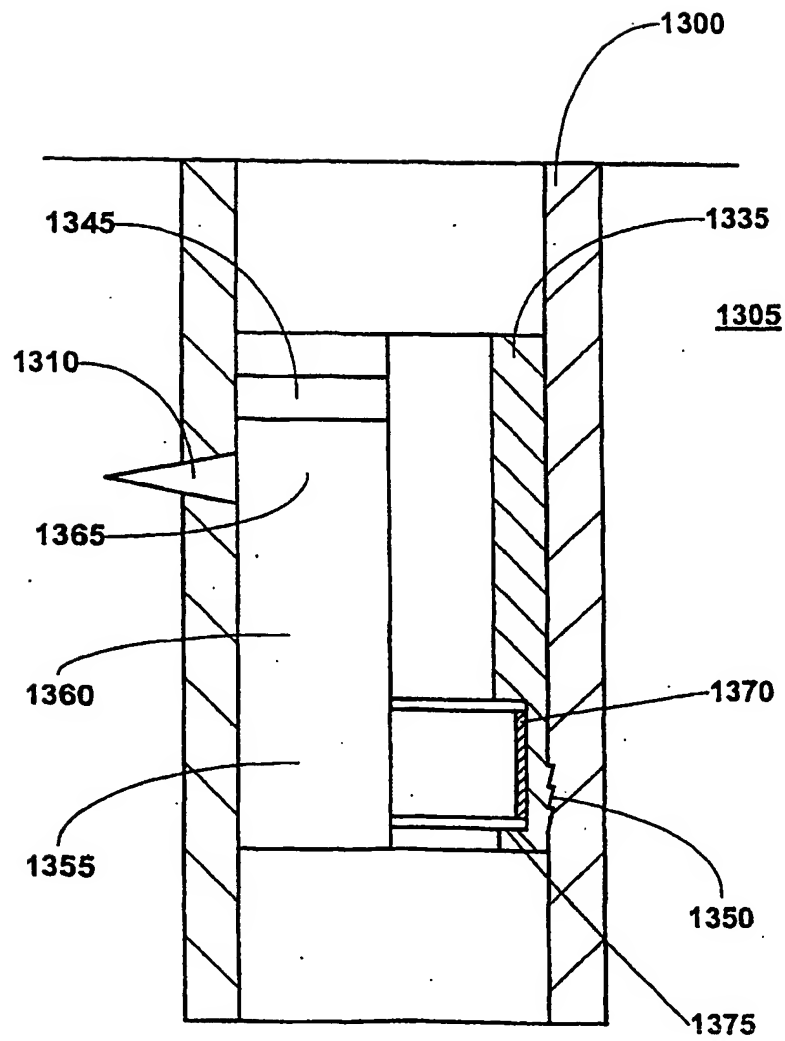


FIGURE 13d

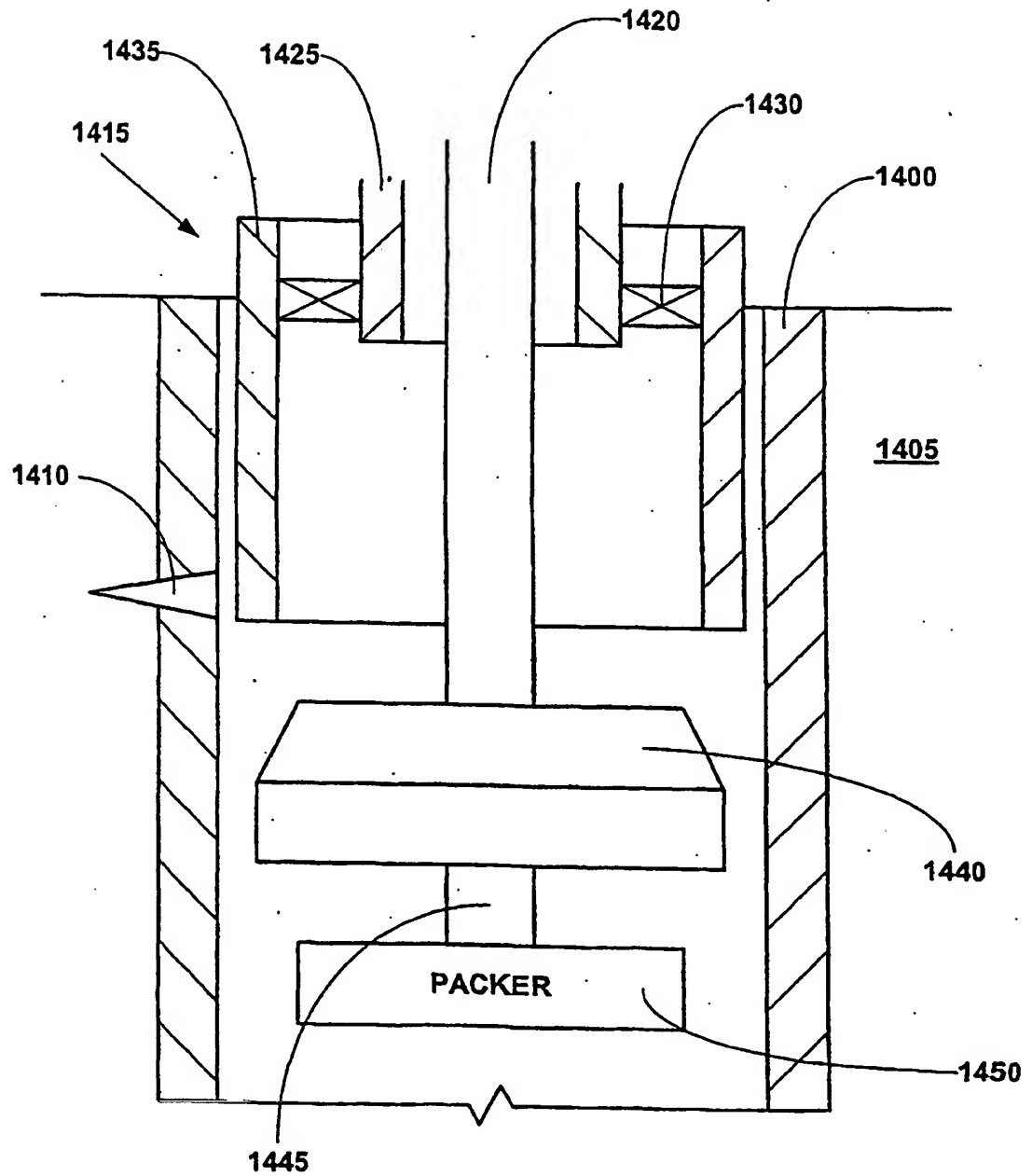
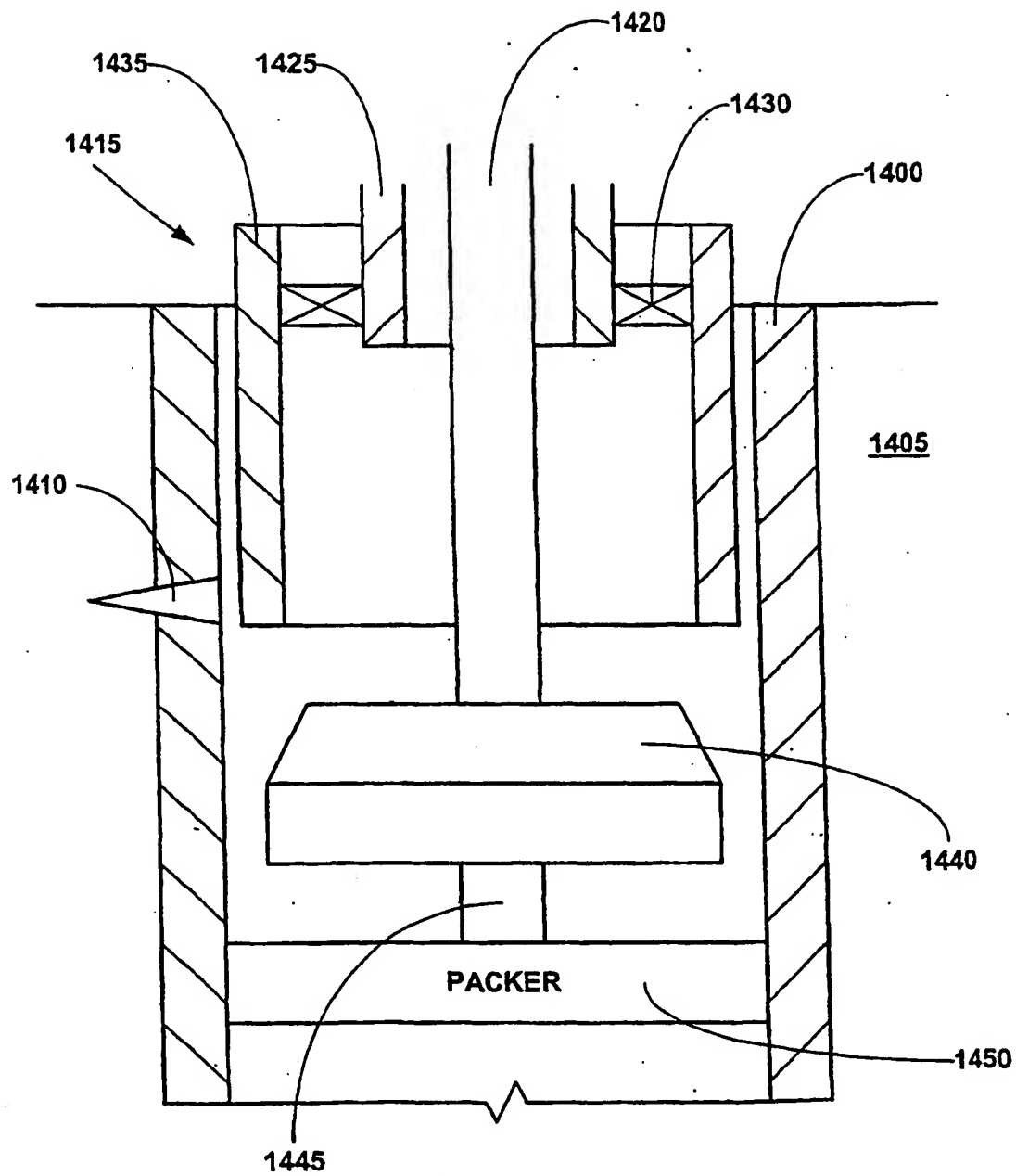


FIGURE 14a



**FIGURE 14b**

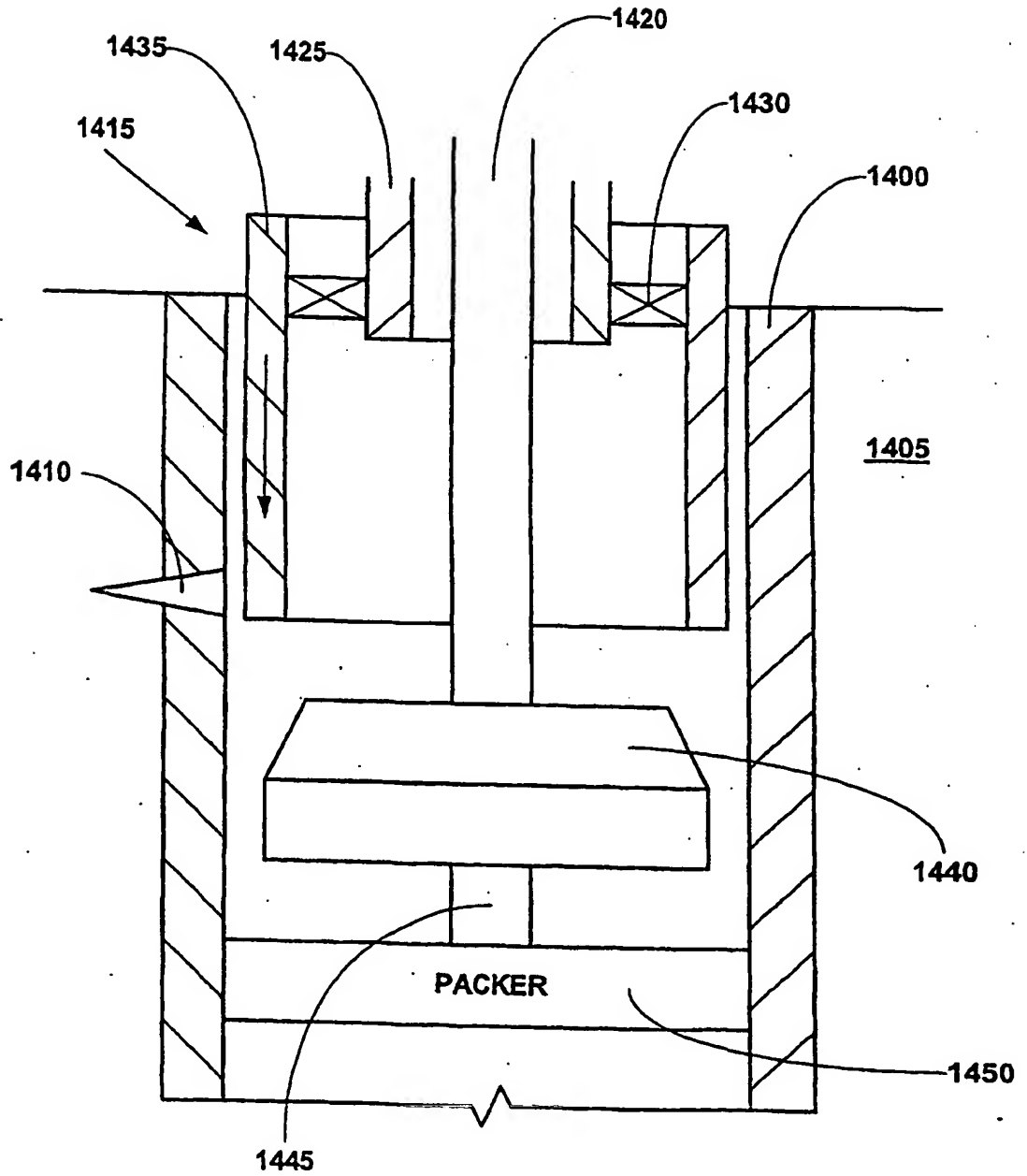


FIGURE 14c

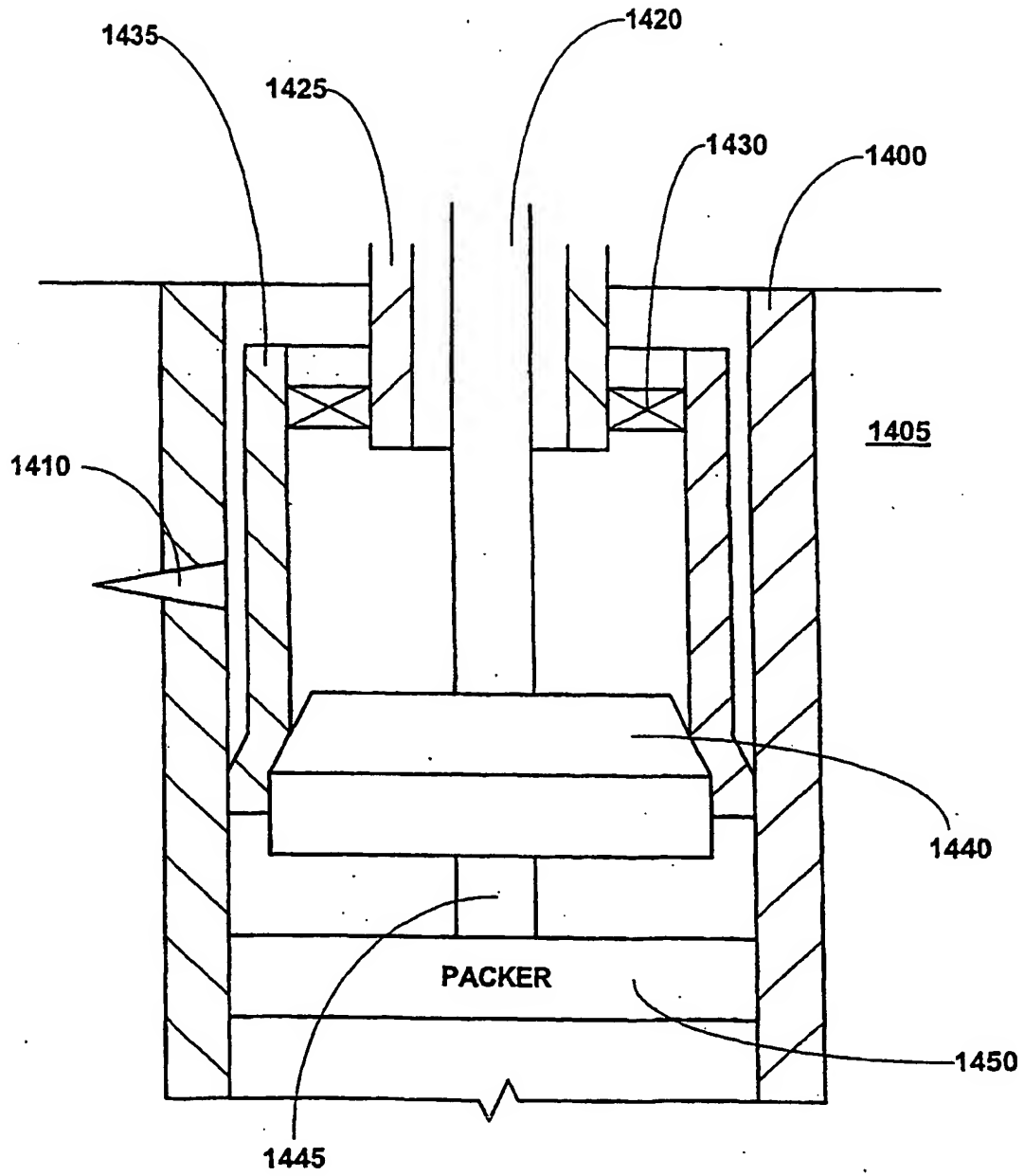


FIGURE 14d

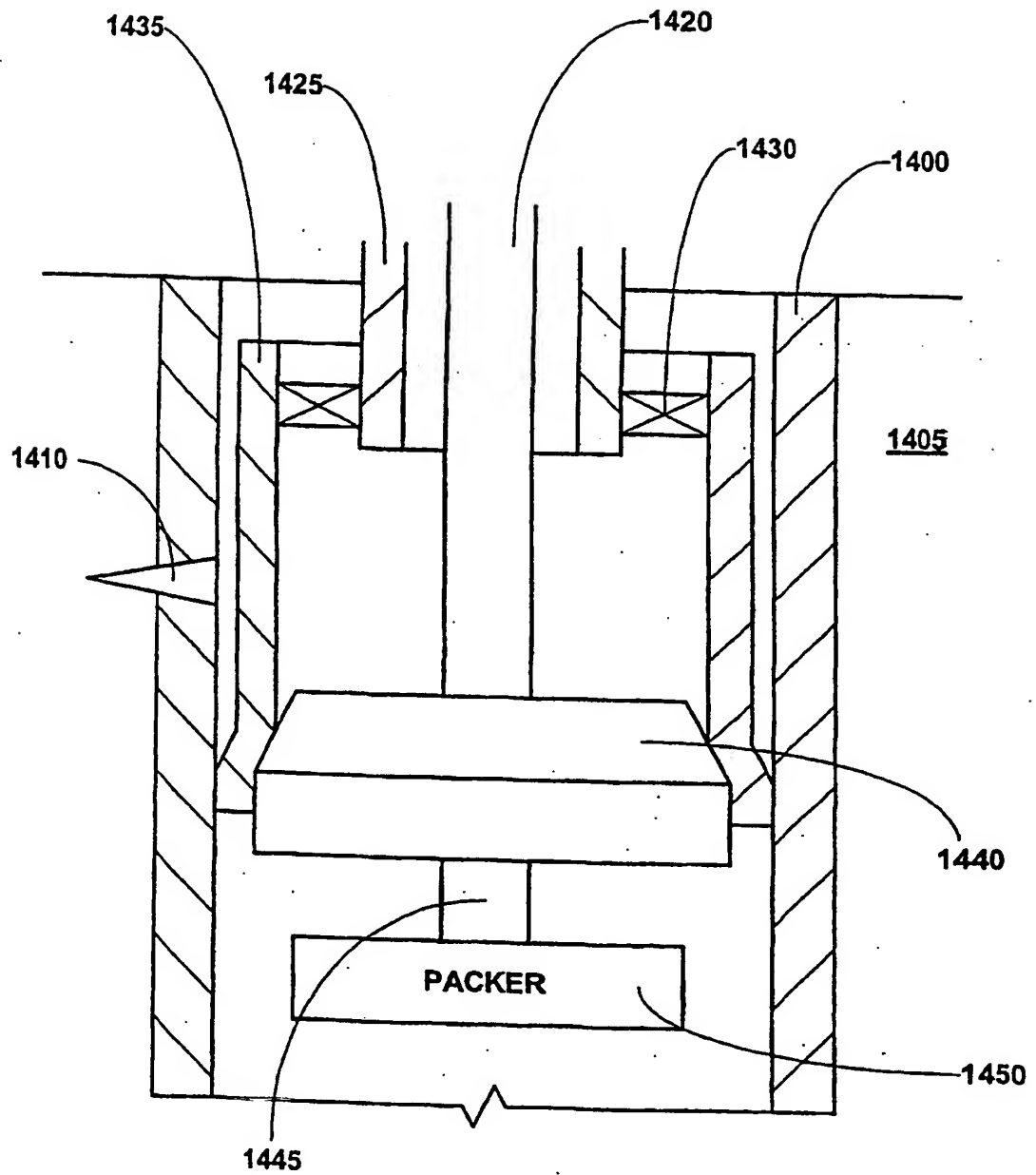


FIGURE 14e

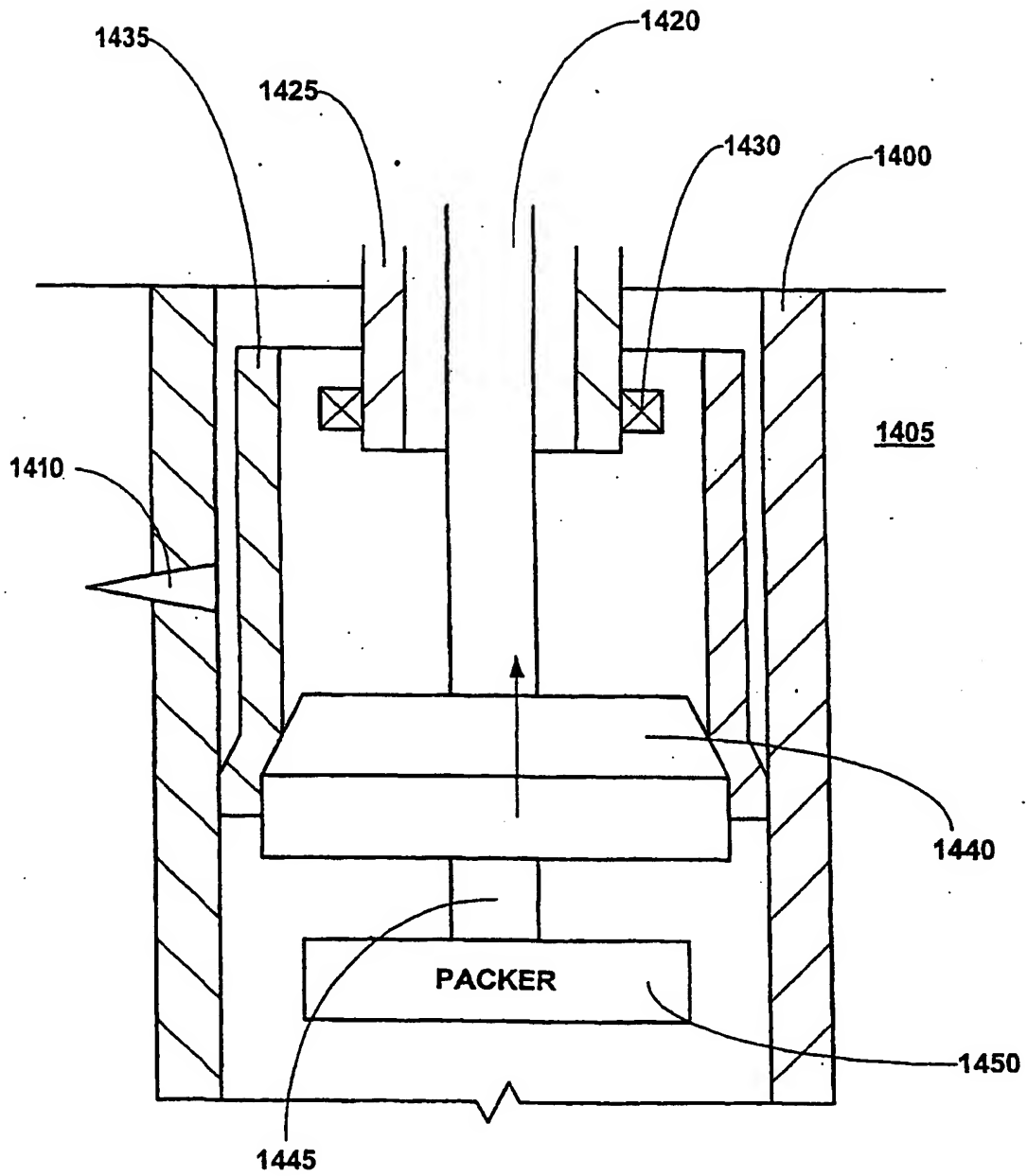


FIGURE 14f

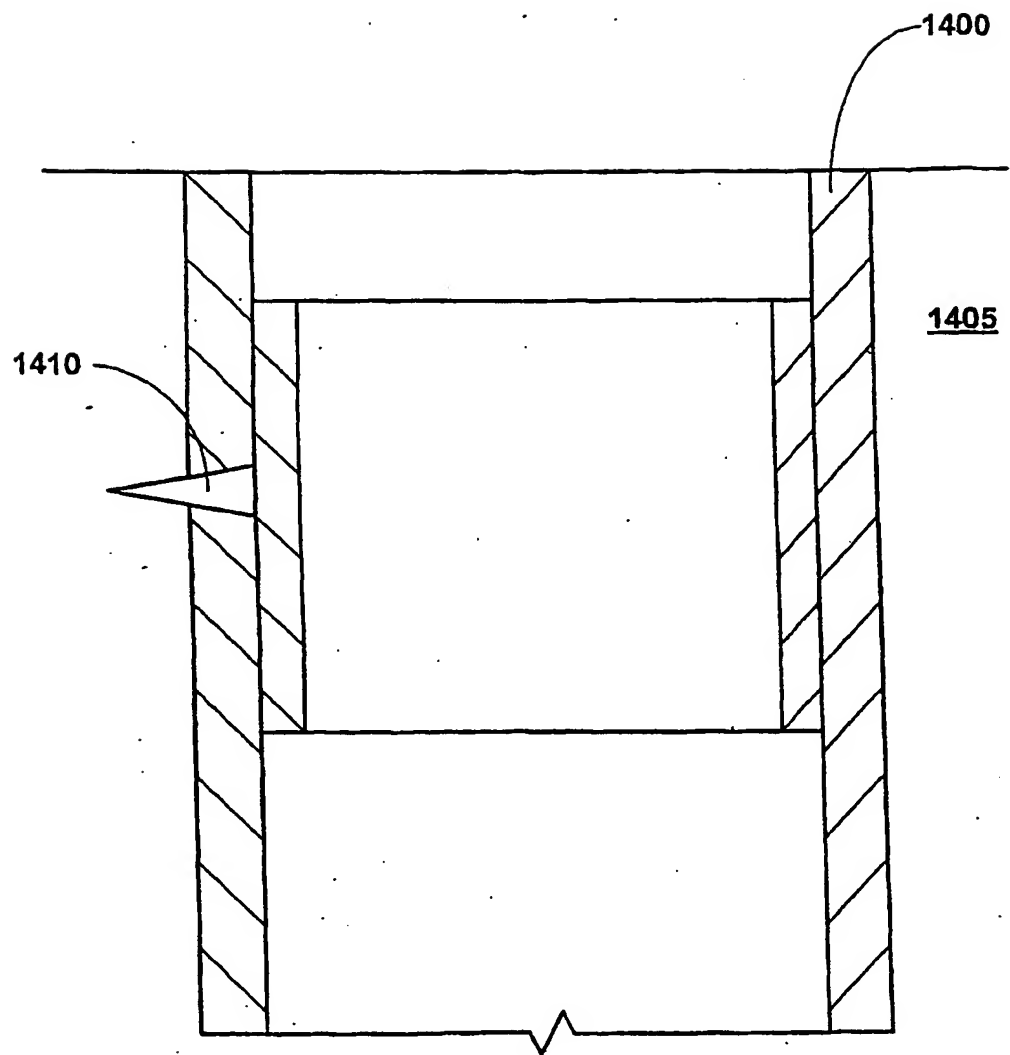
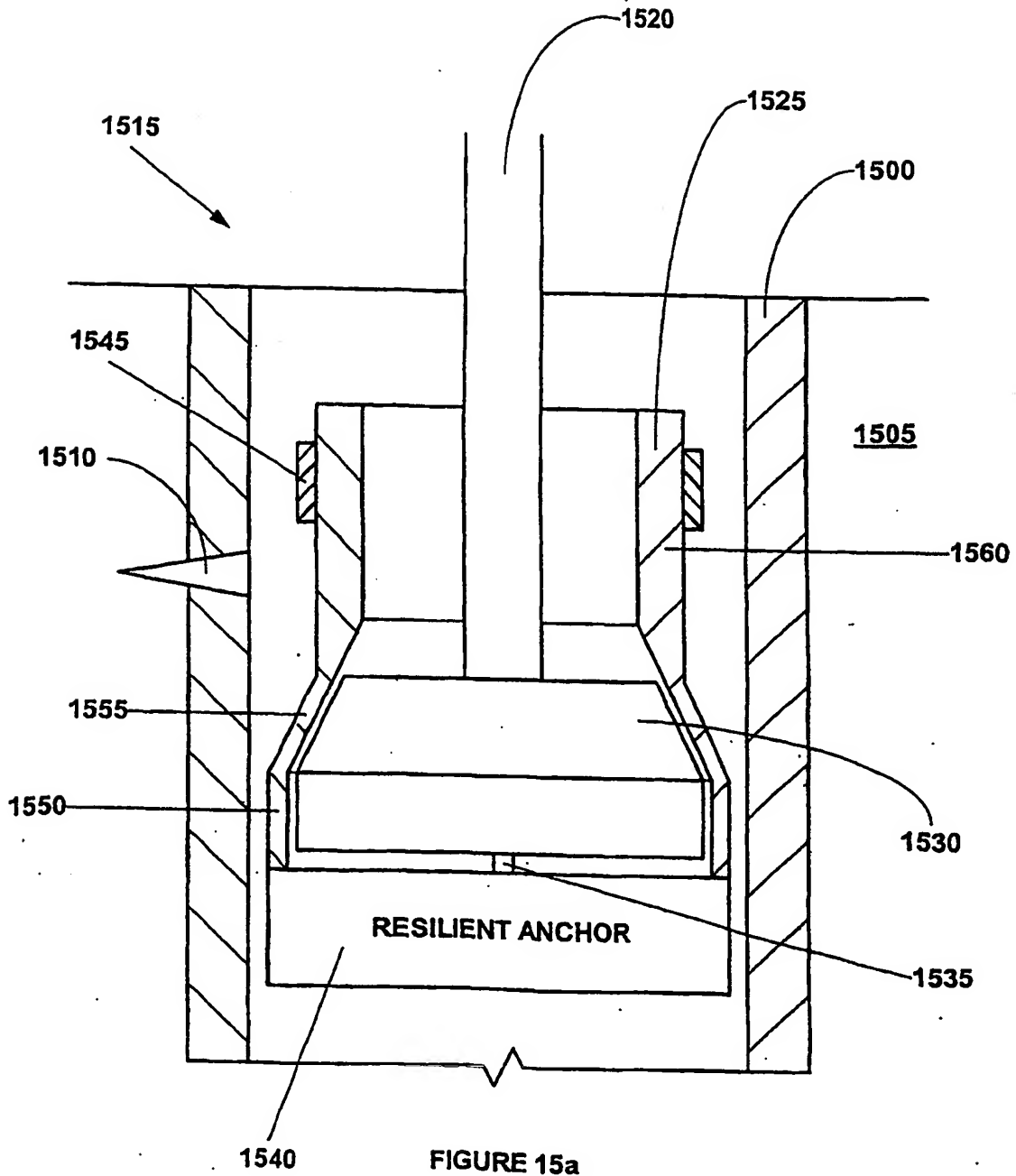
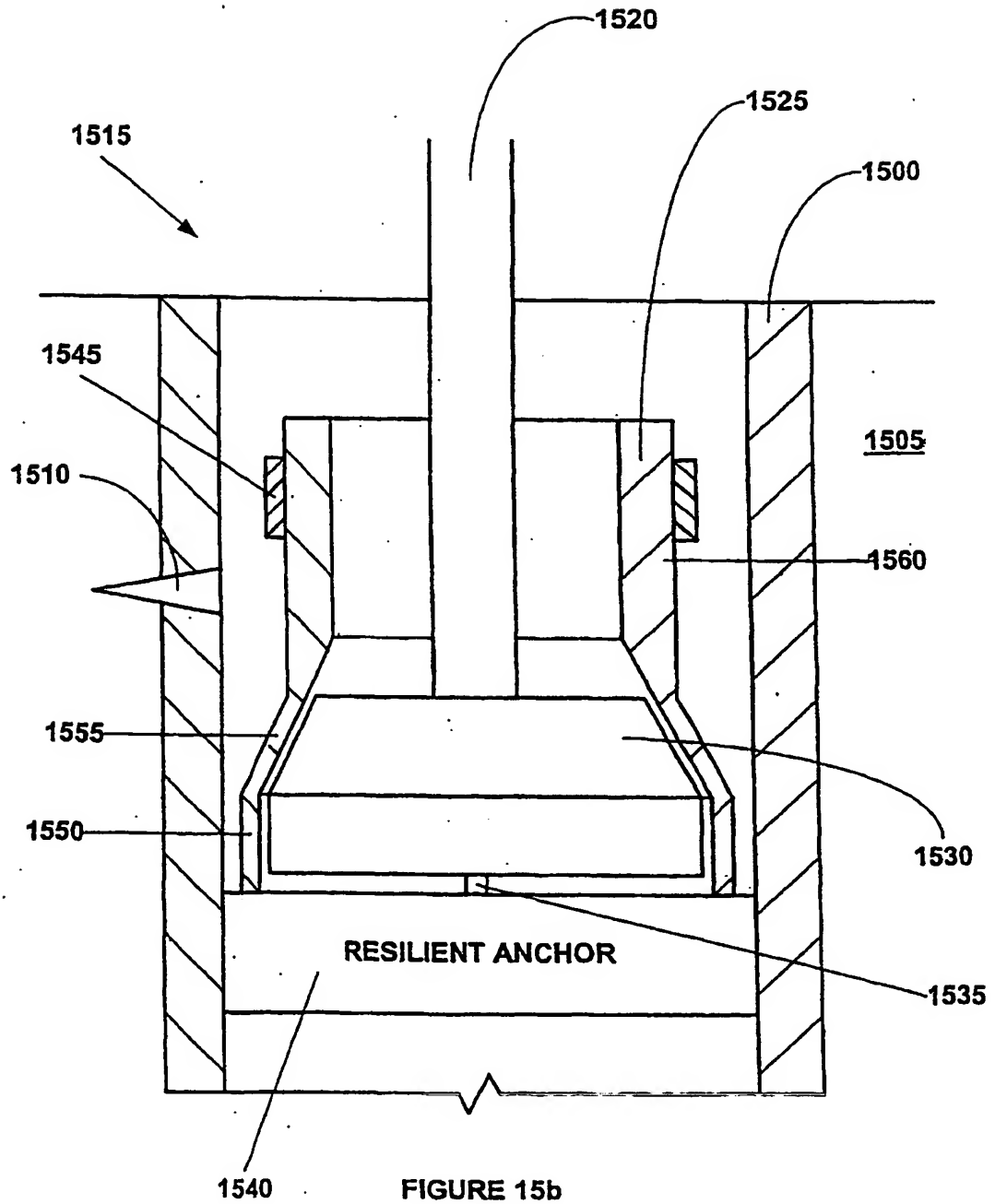


FIGURE 14g







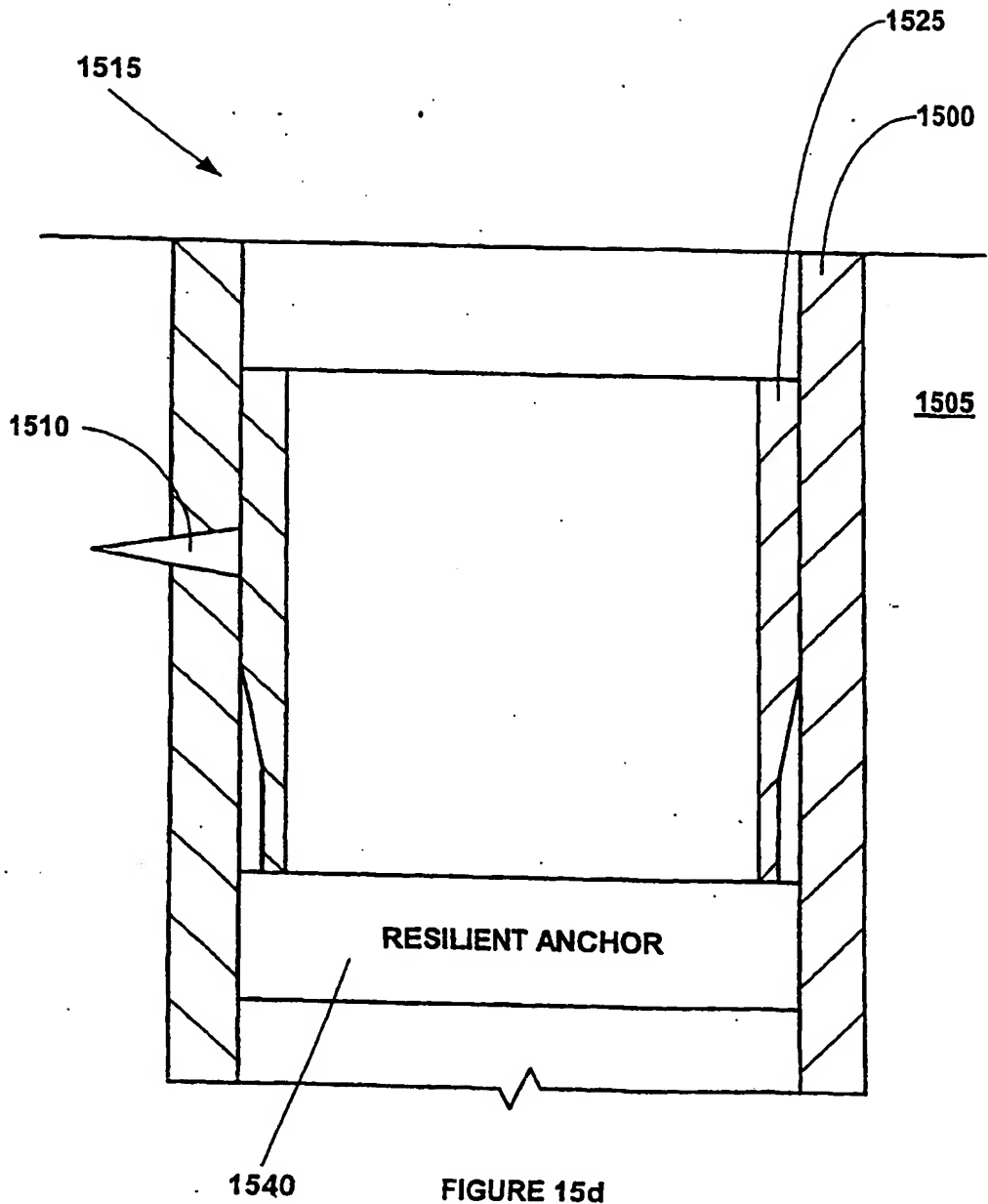


FIGURE 15d

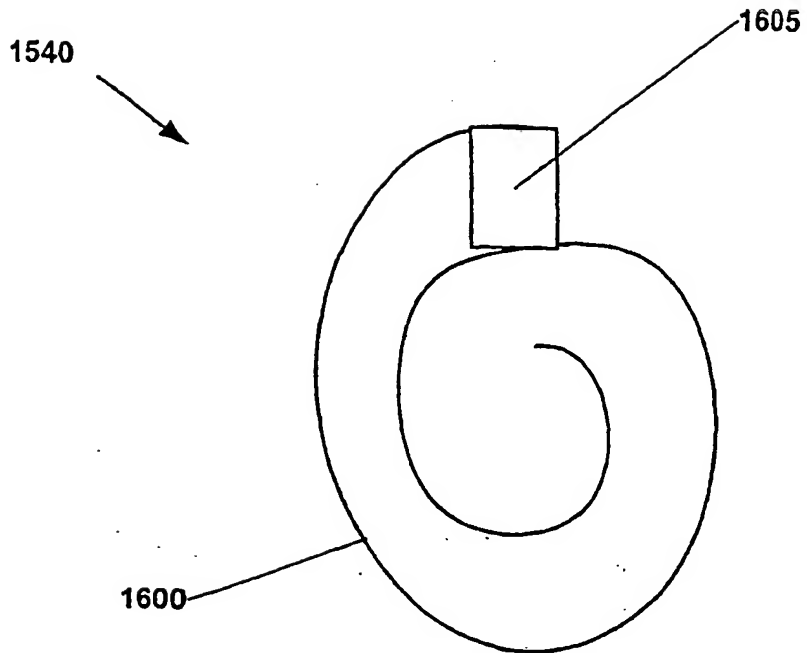


FIGURE 16a

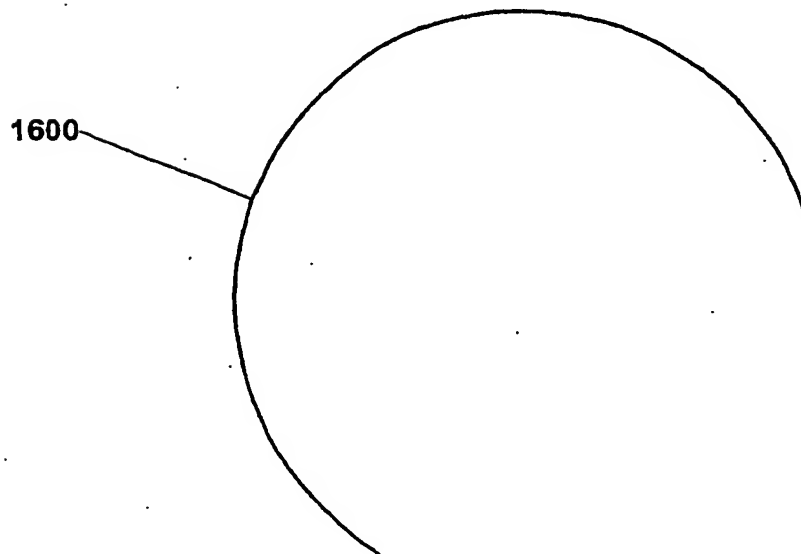


FIGURE 16b

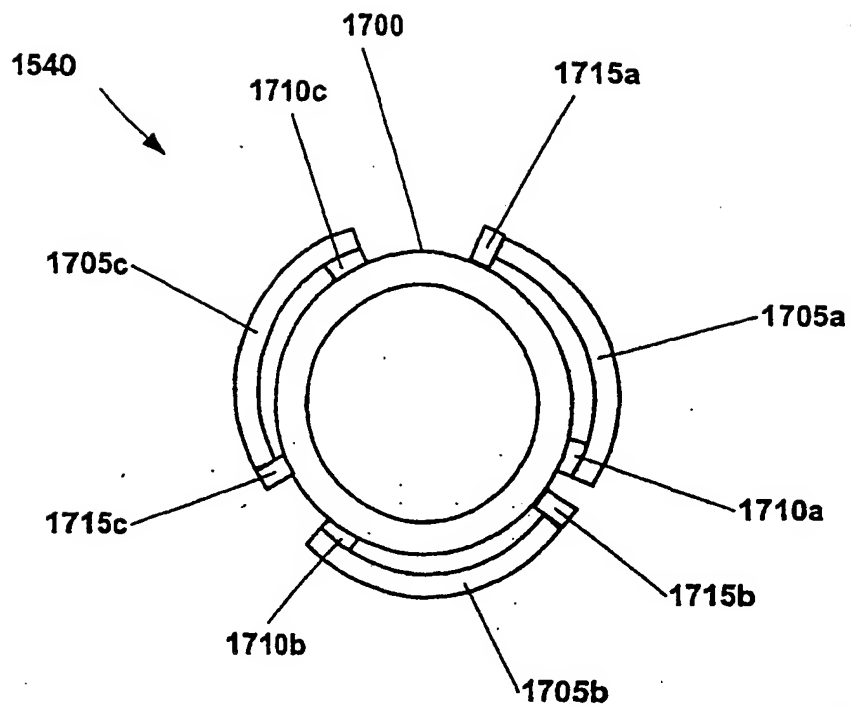


FIGURE 17a

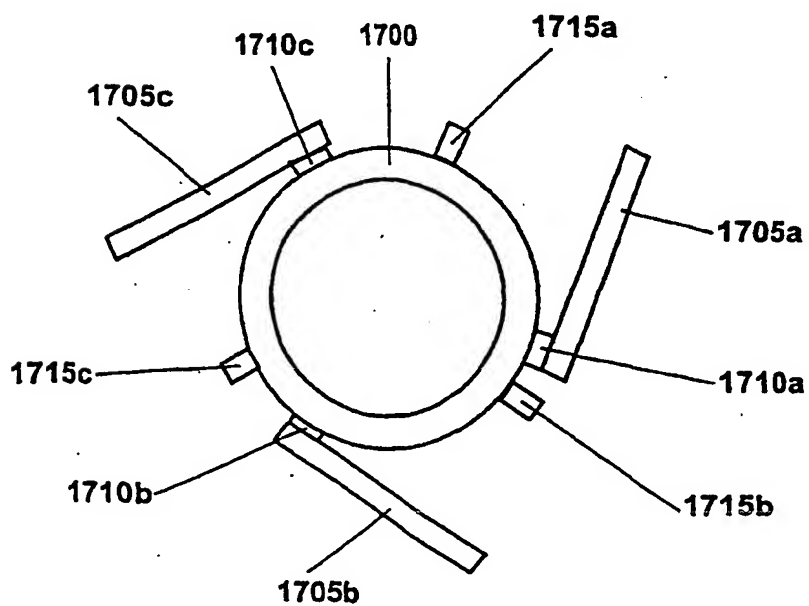


FIGURE 17b

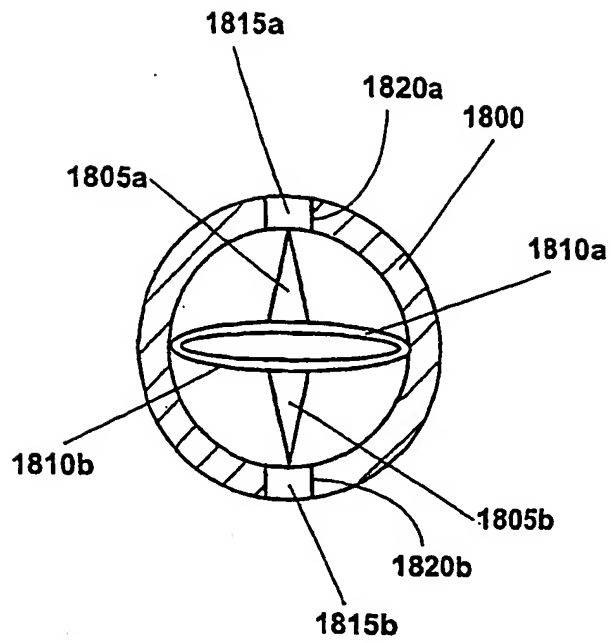


FIGURE 18a

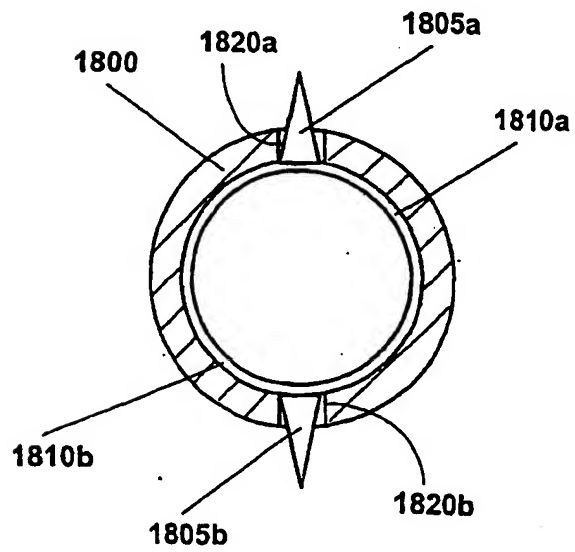


FIGURE 18b

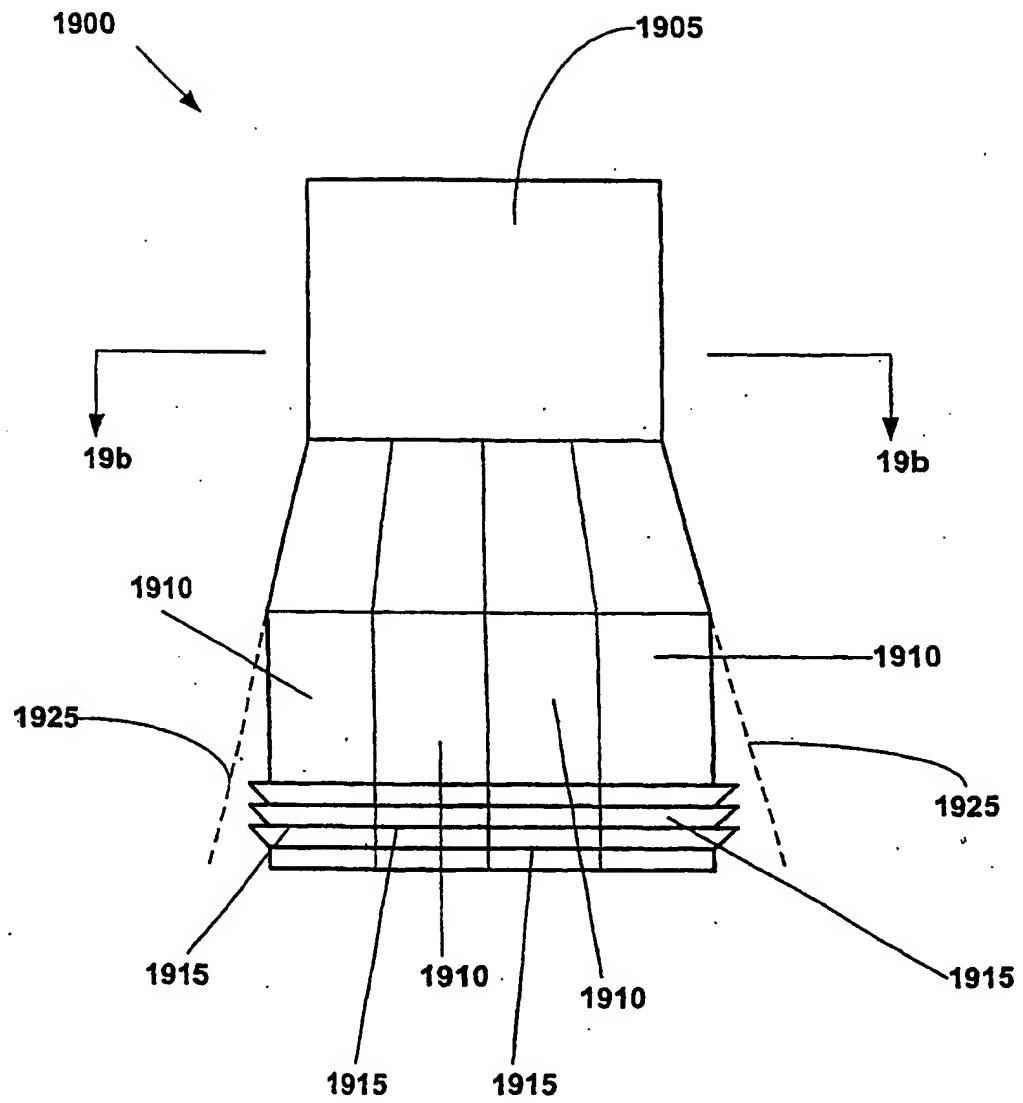


FIGURE 19a

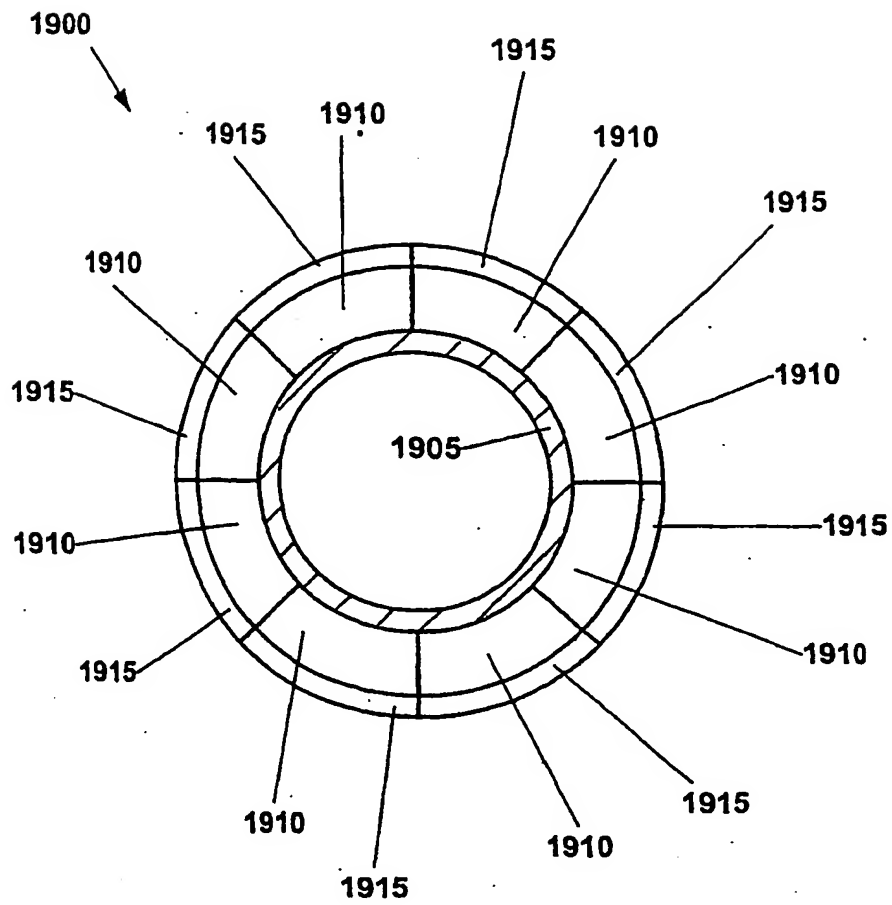


FIGURE 19b

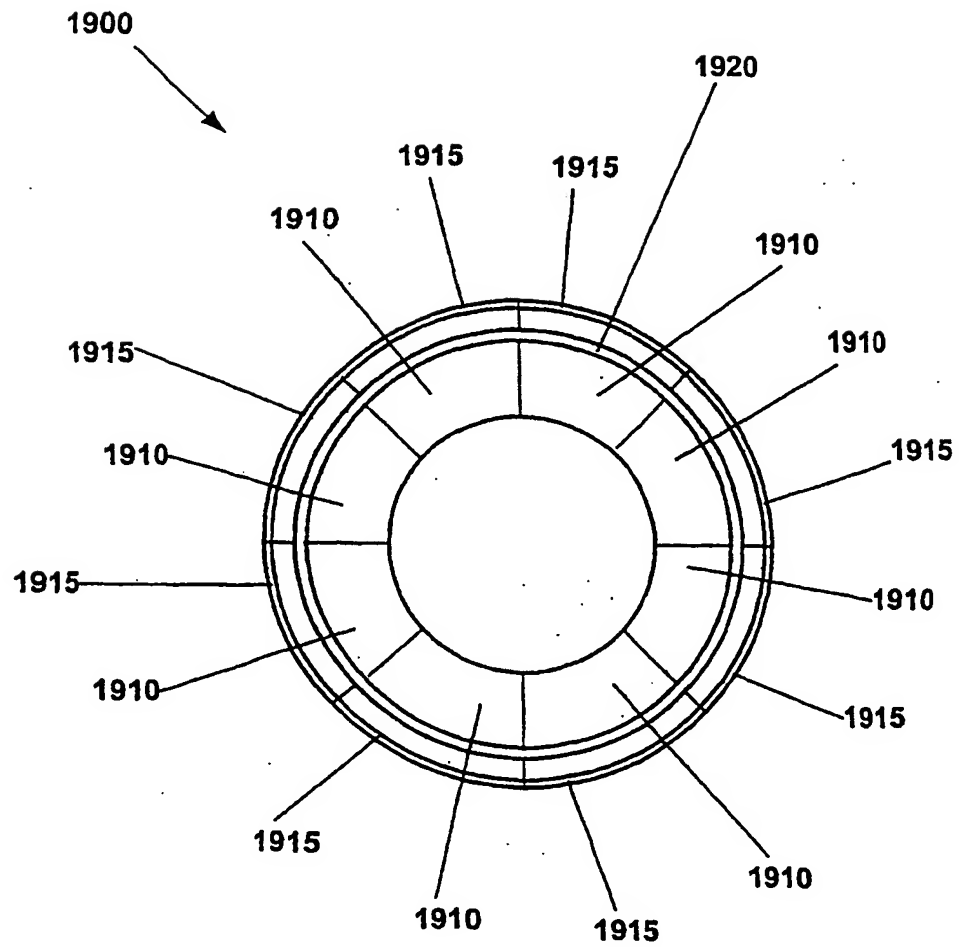
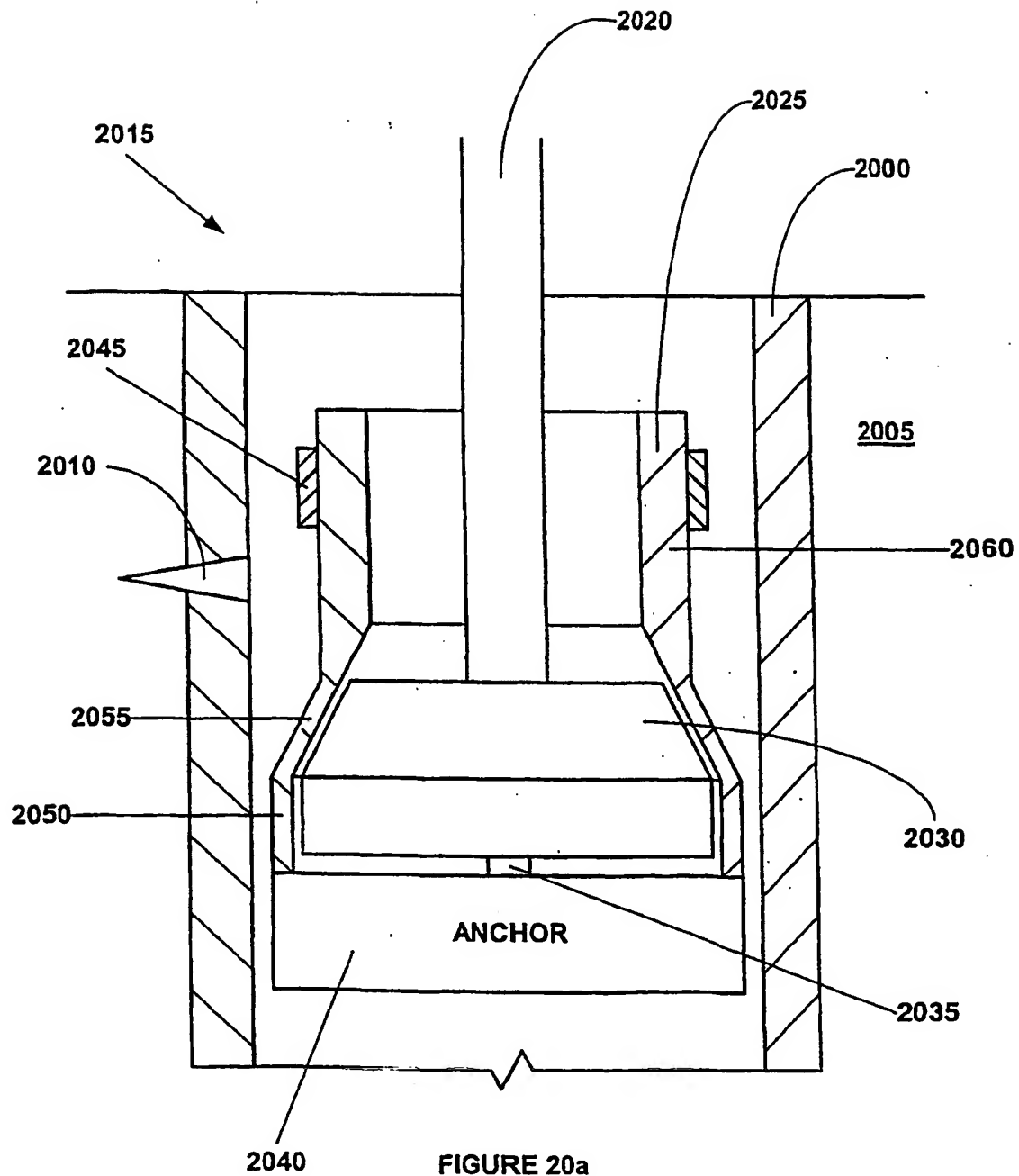
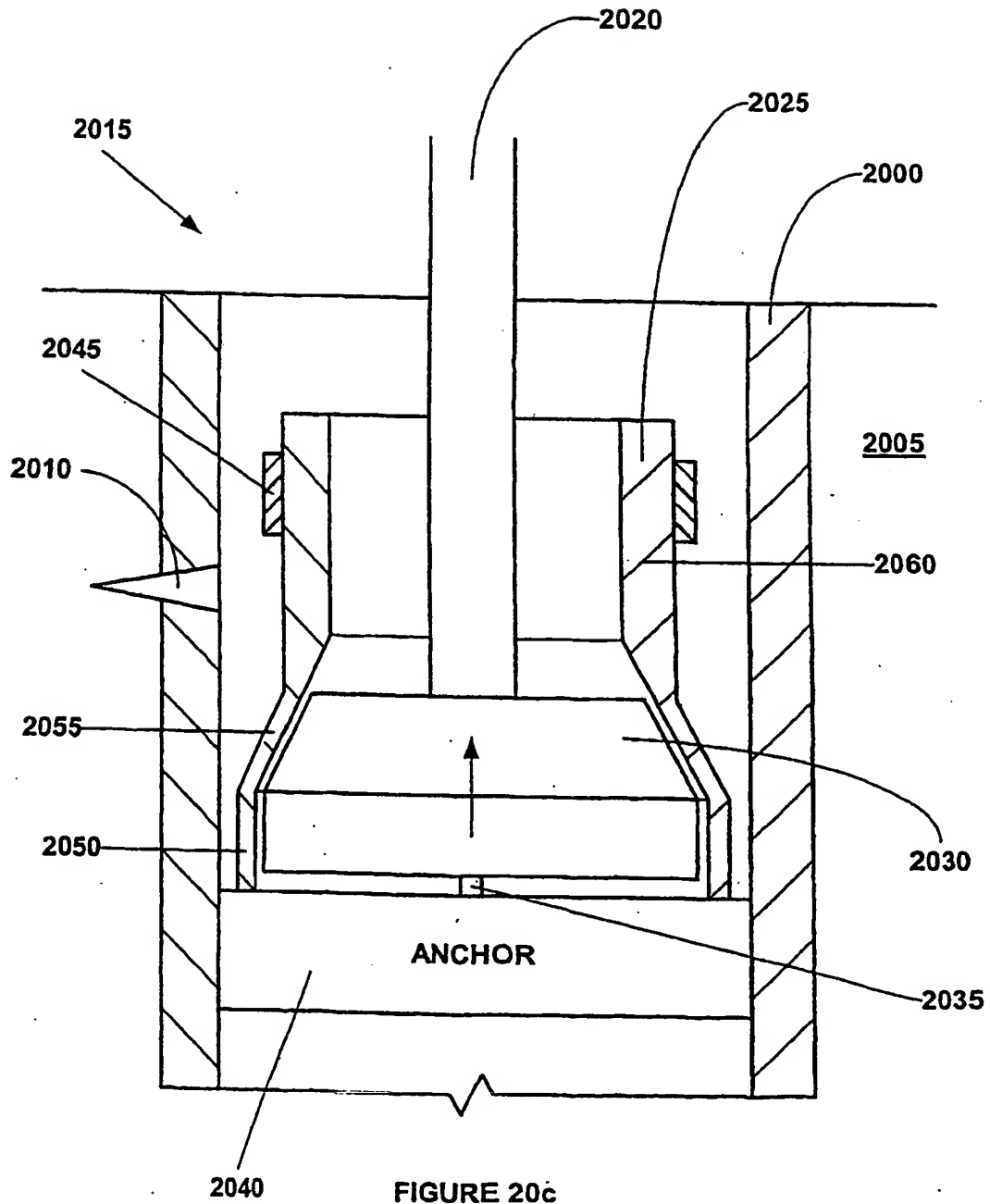


FIGURE 19c







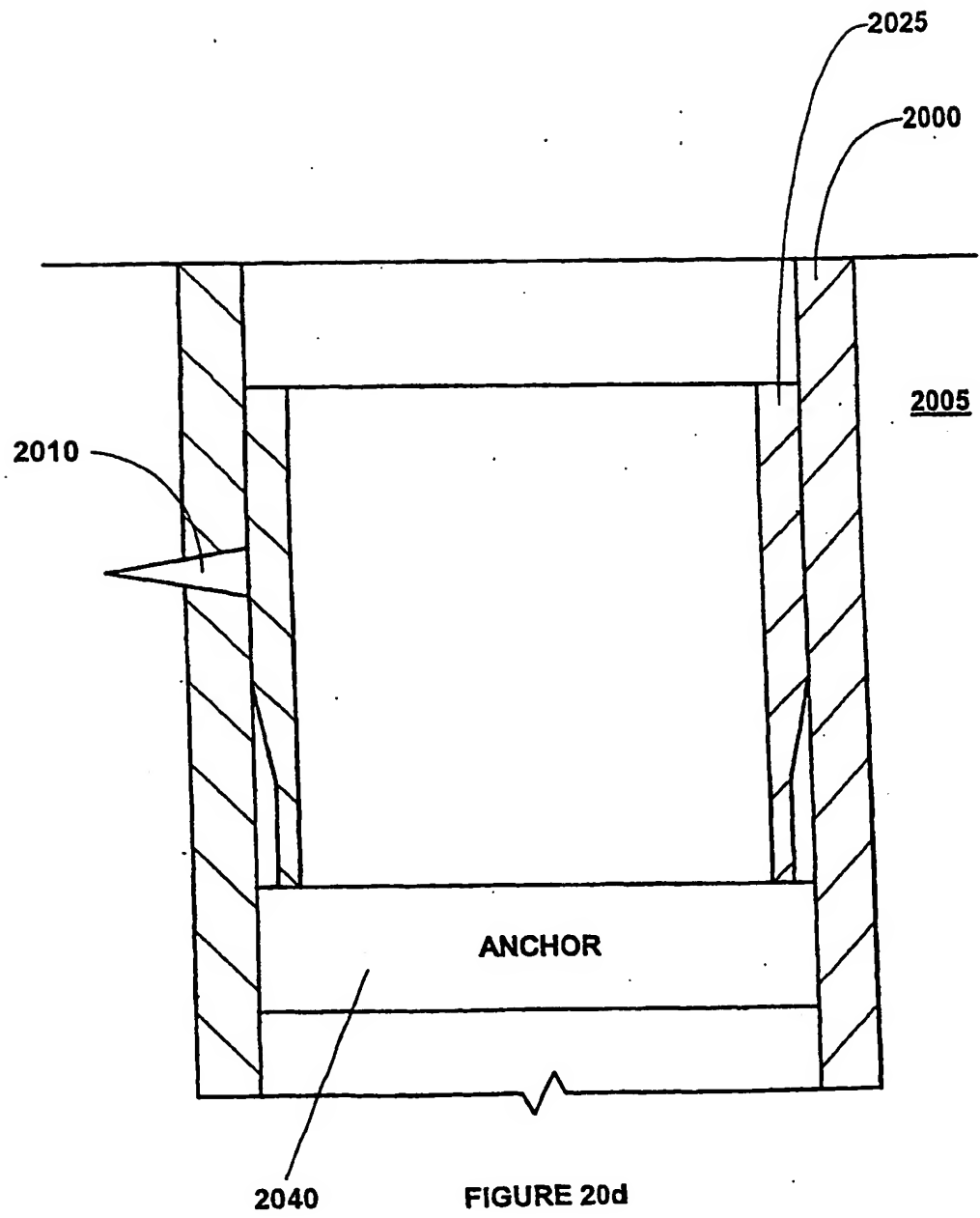


FIGURE 20d

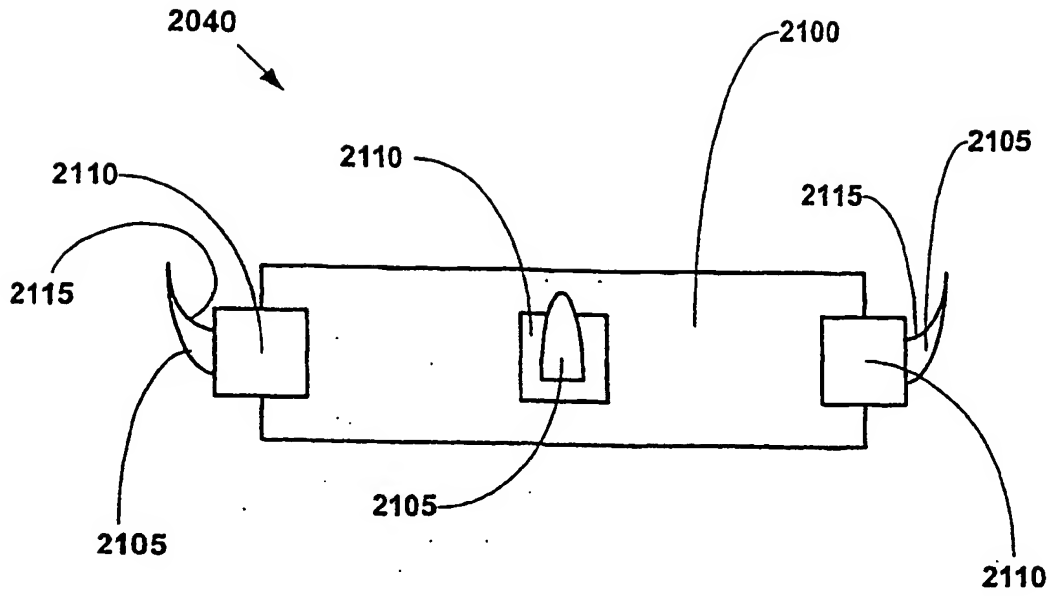


FIGURE 21a

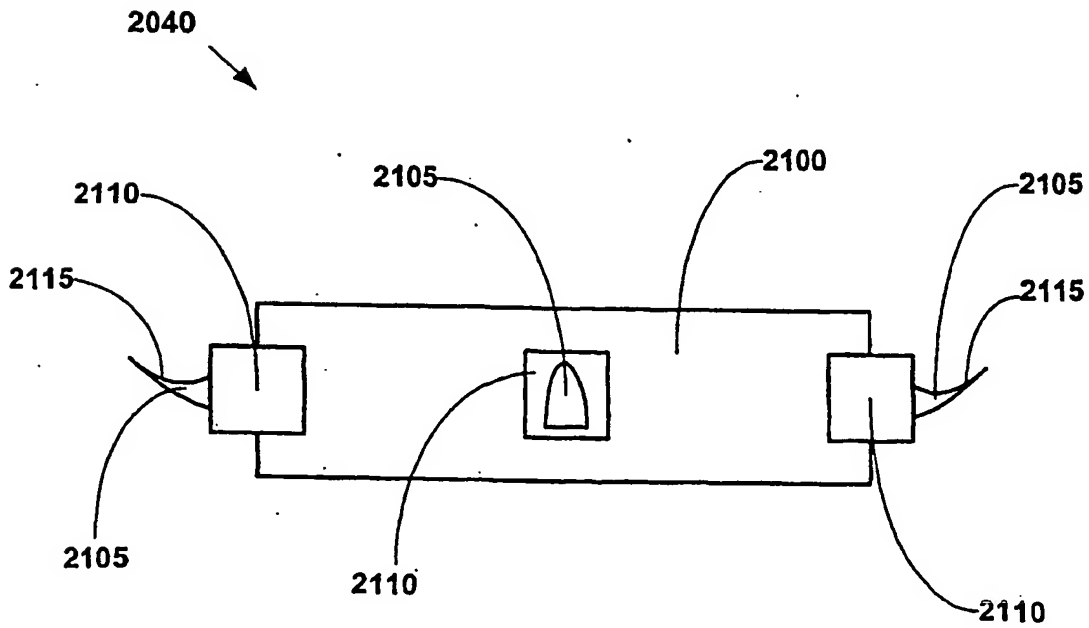
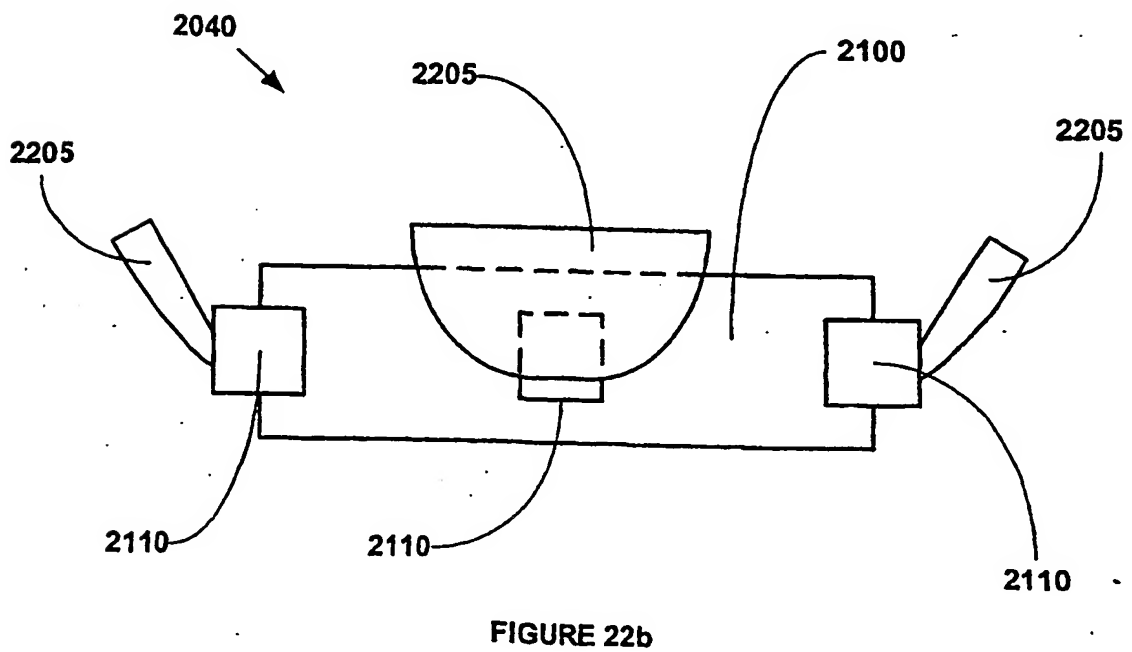
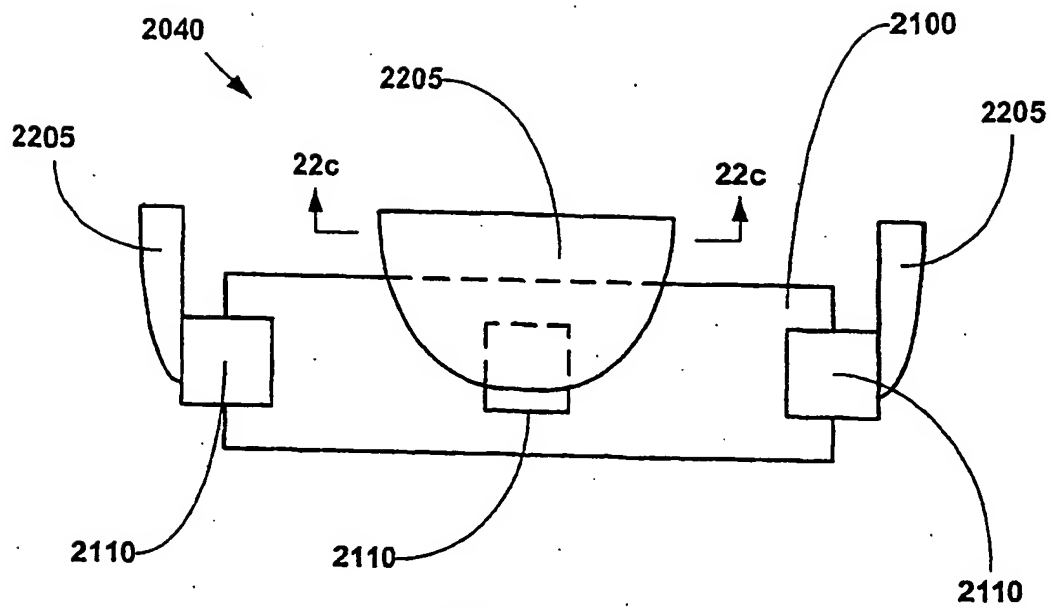


FIGURE 21b



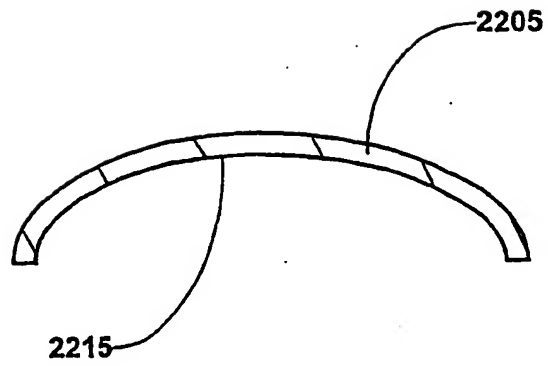


FIGURE 22c

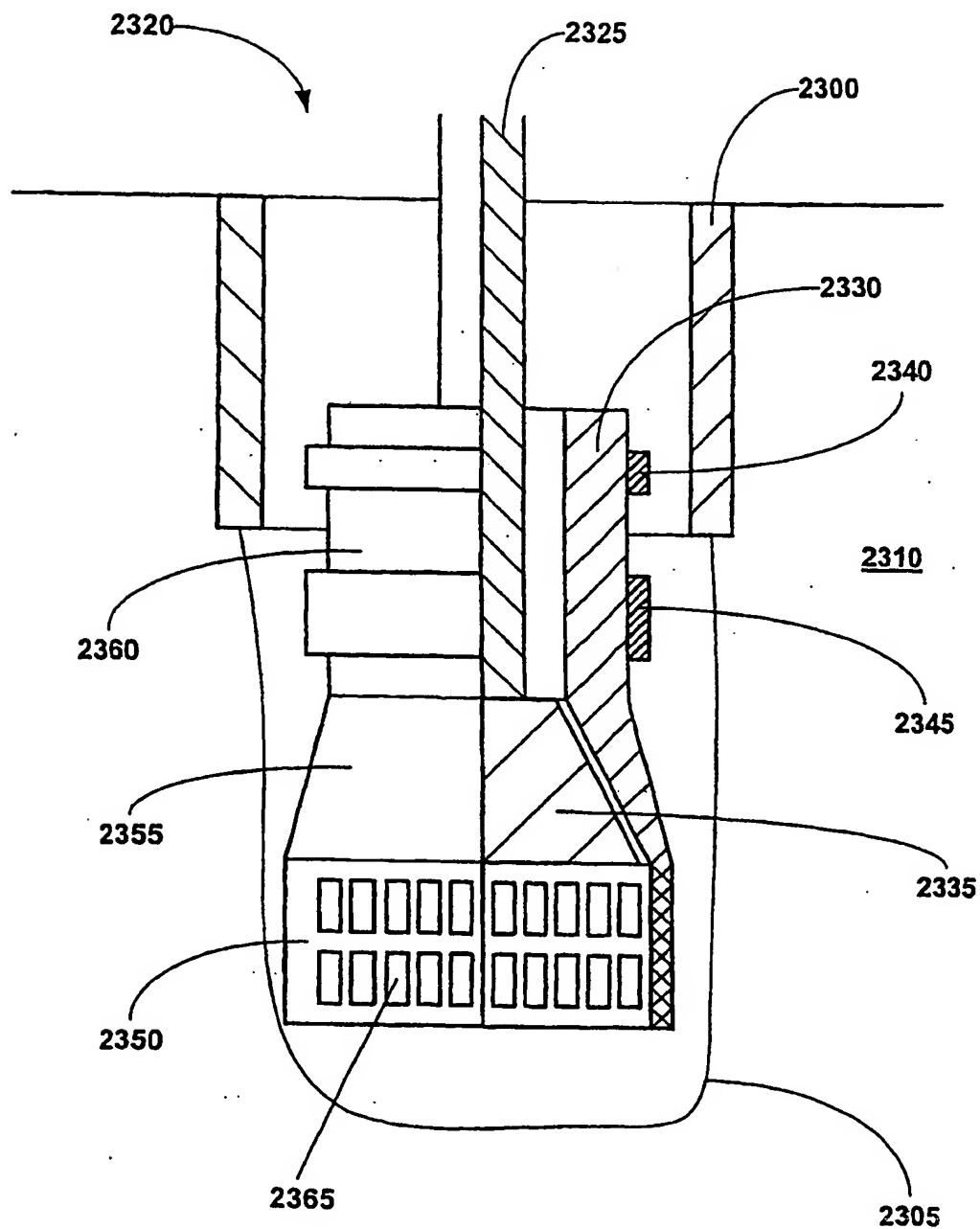


FIGURE 23a

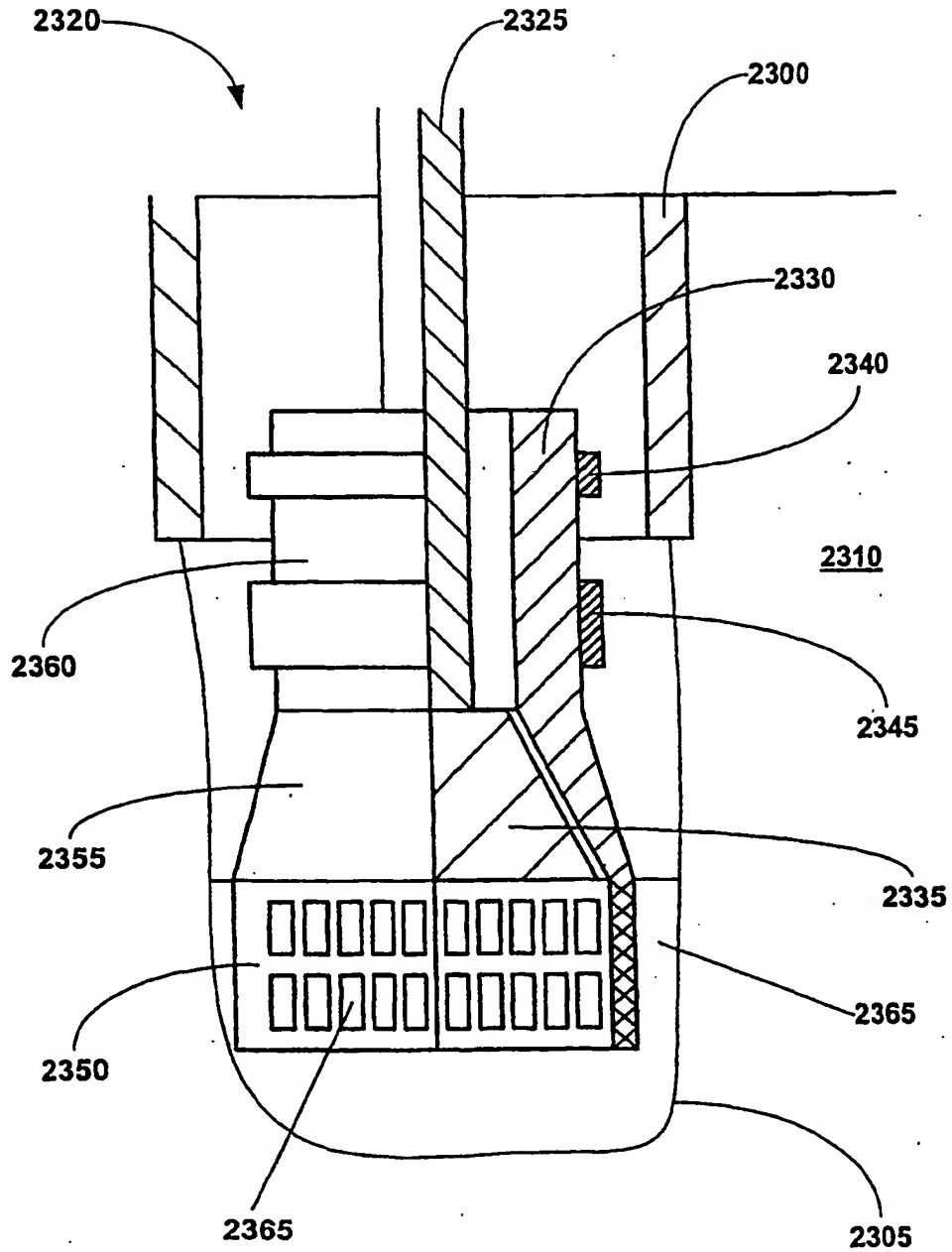


FIGURE 23b

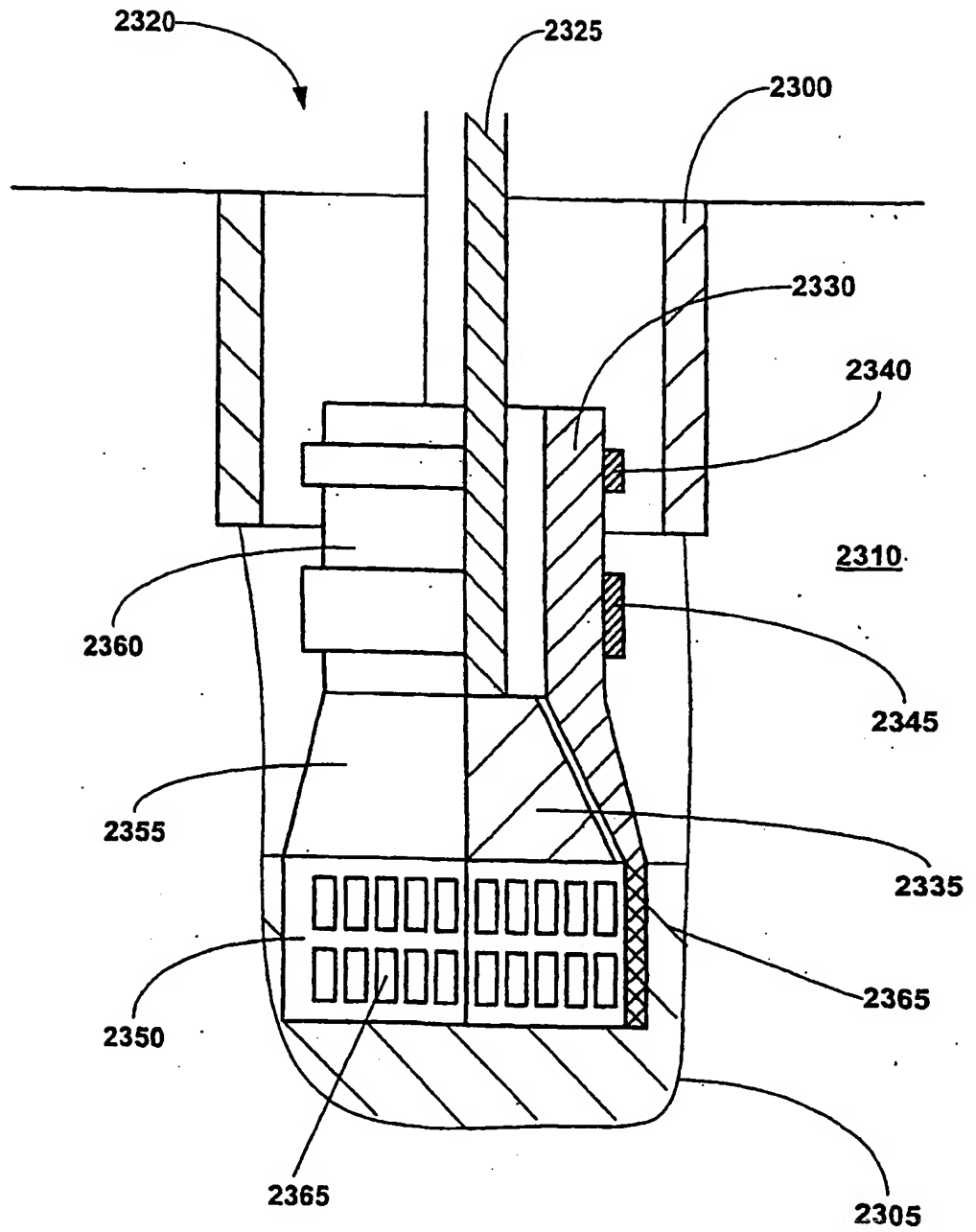
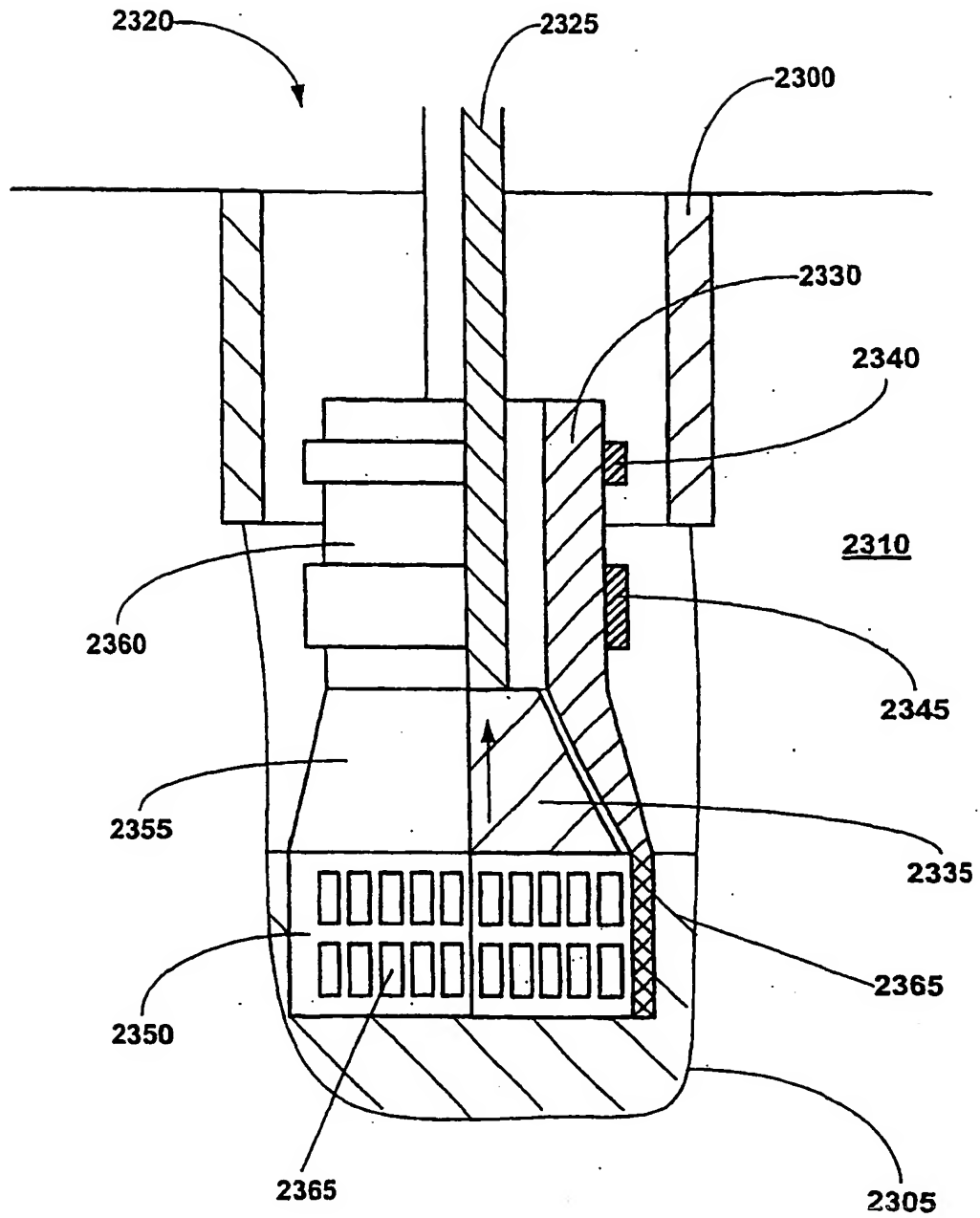


FIGURE 23c



**FIGURE 23d**

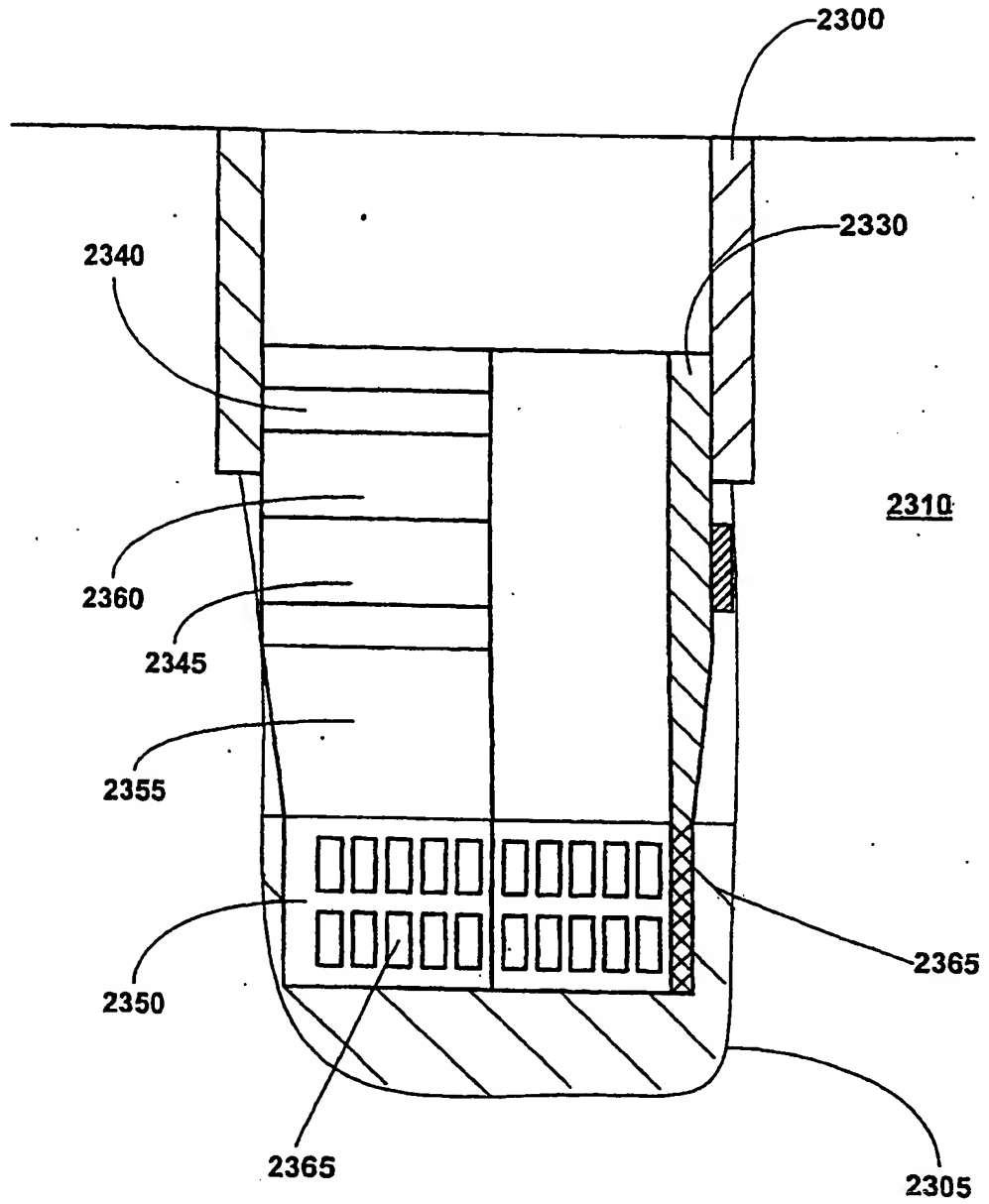


FIGURE 23e

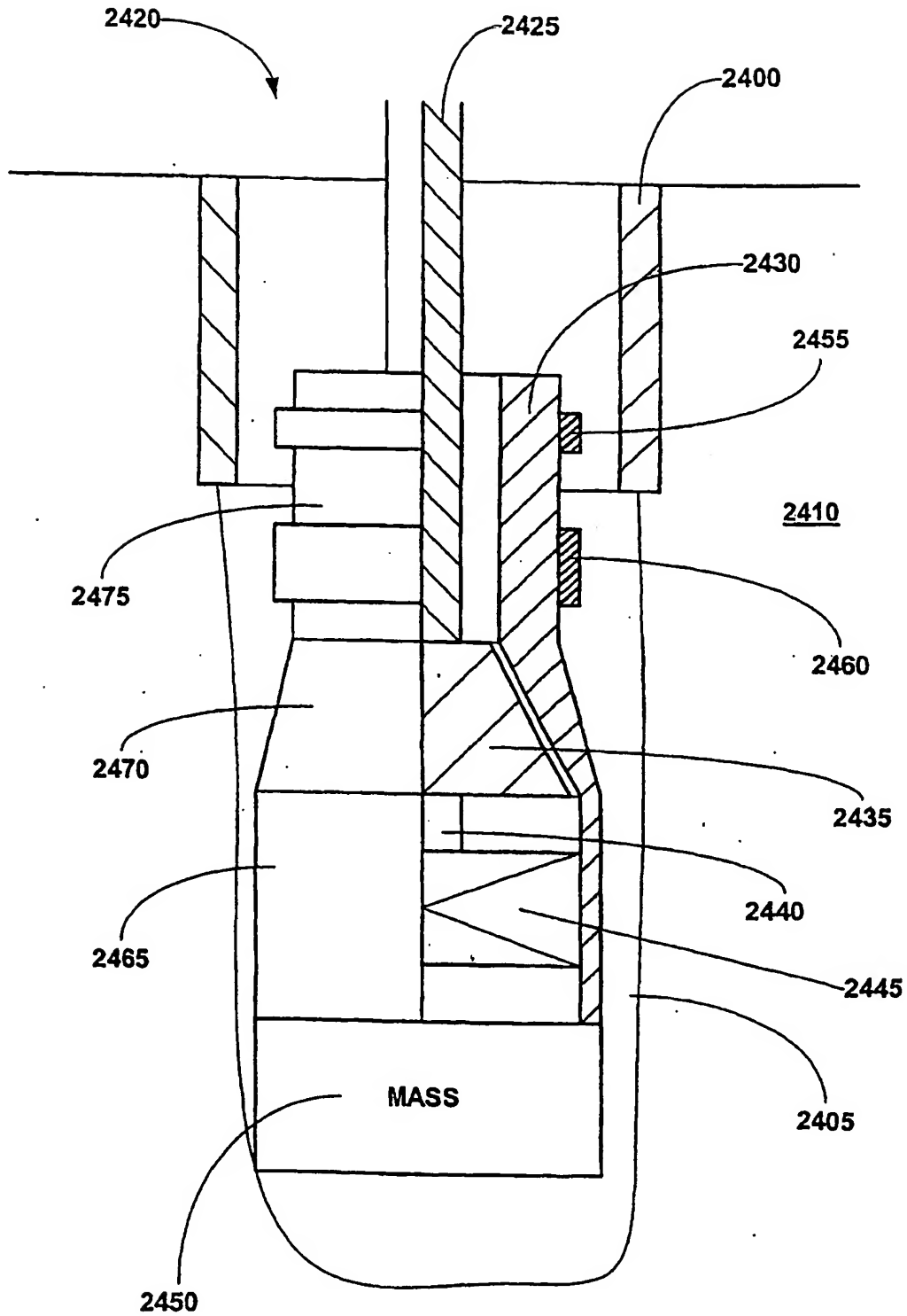


FIGURE 24a



**FIGURE 24b**

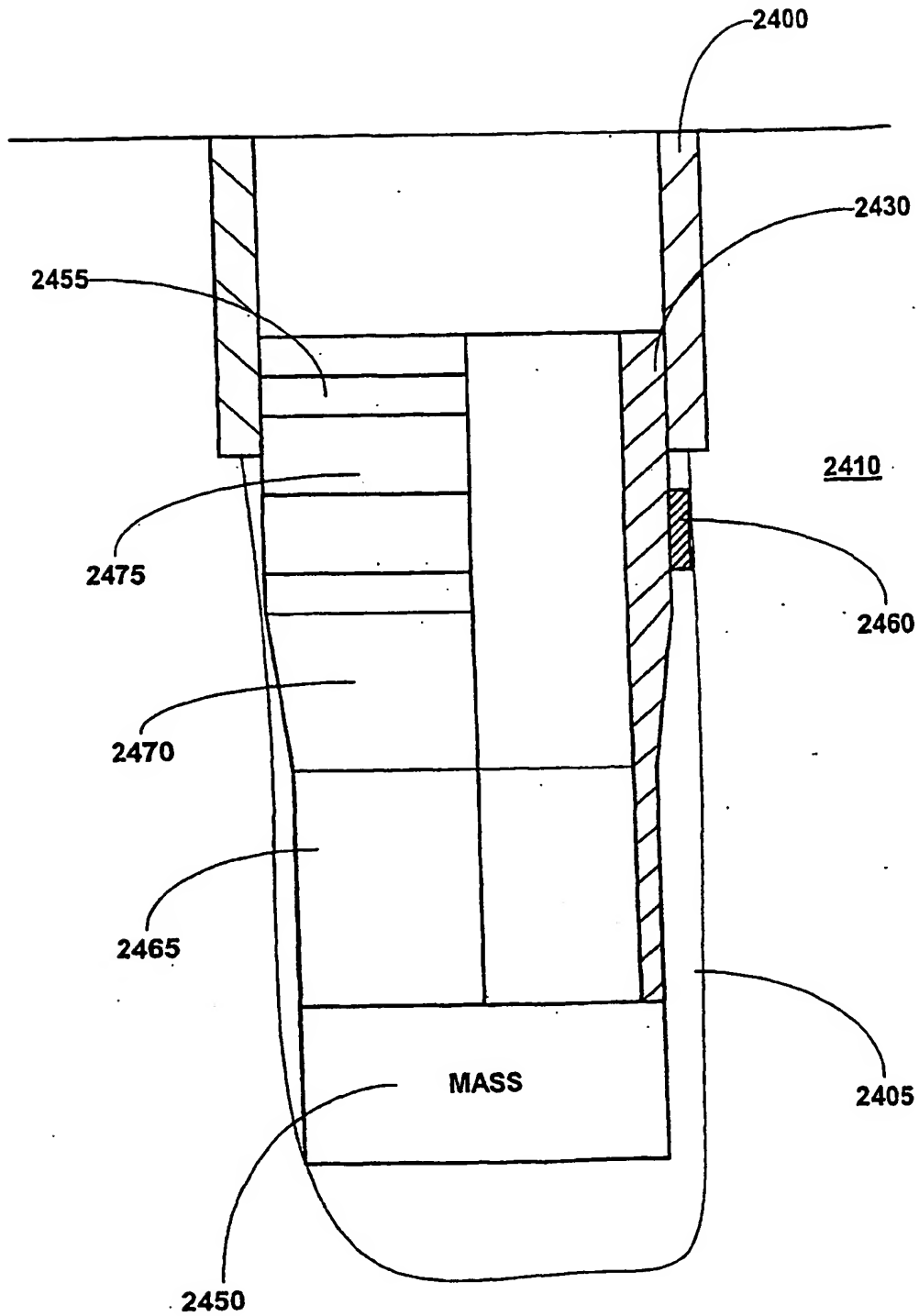


FIGURE 24c

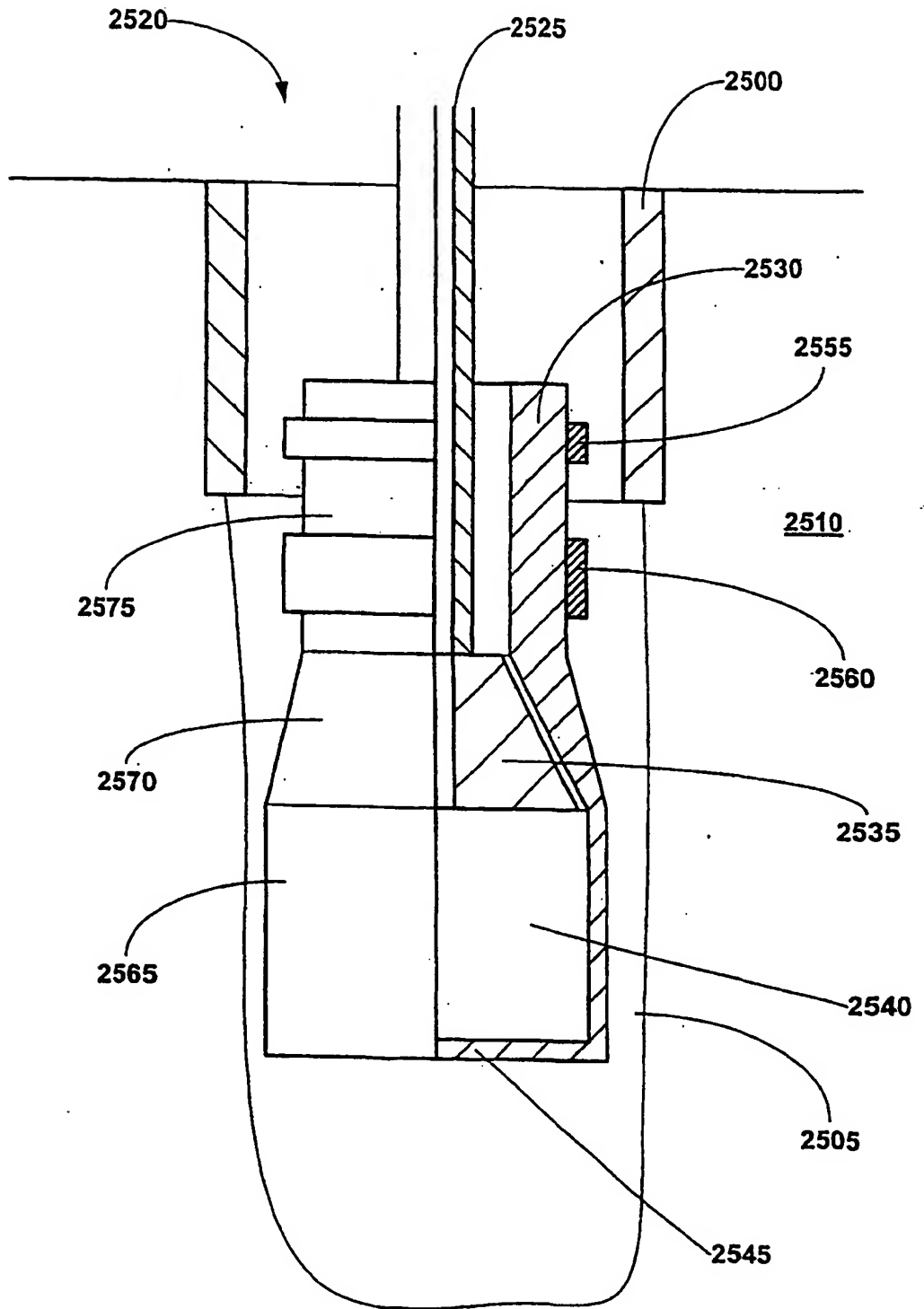
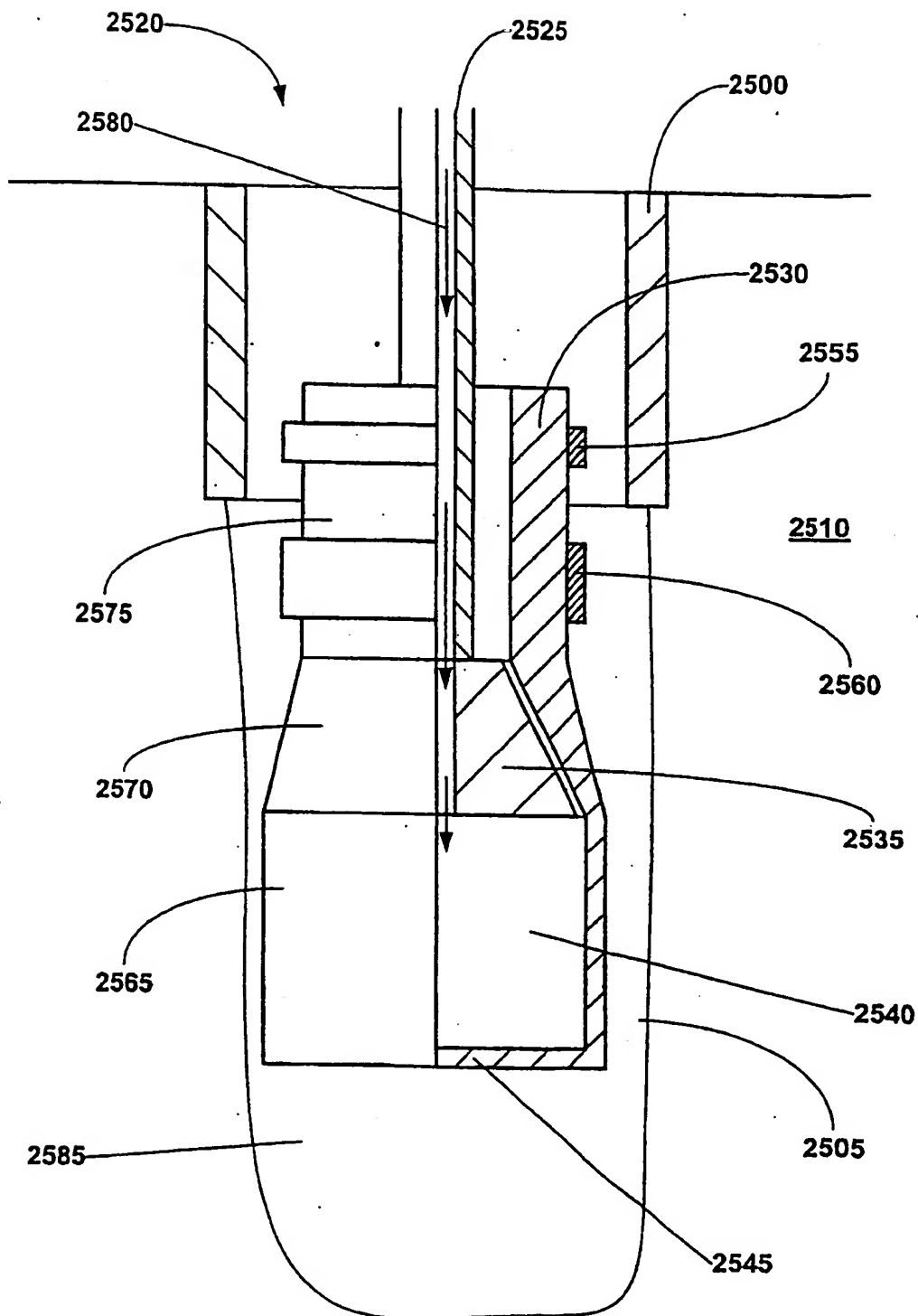


FIGURE 25a



**FIGURE 25b**

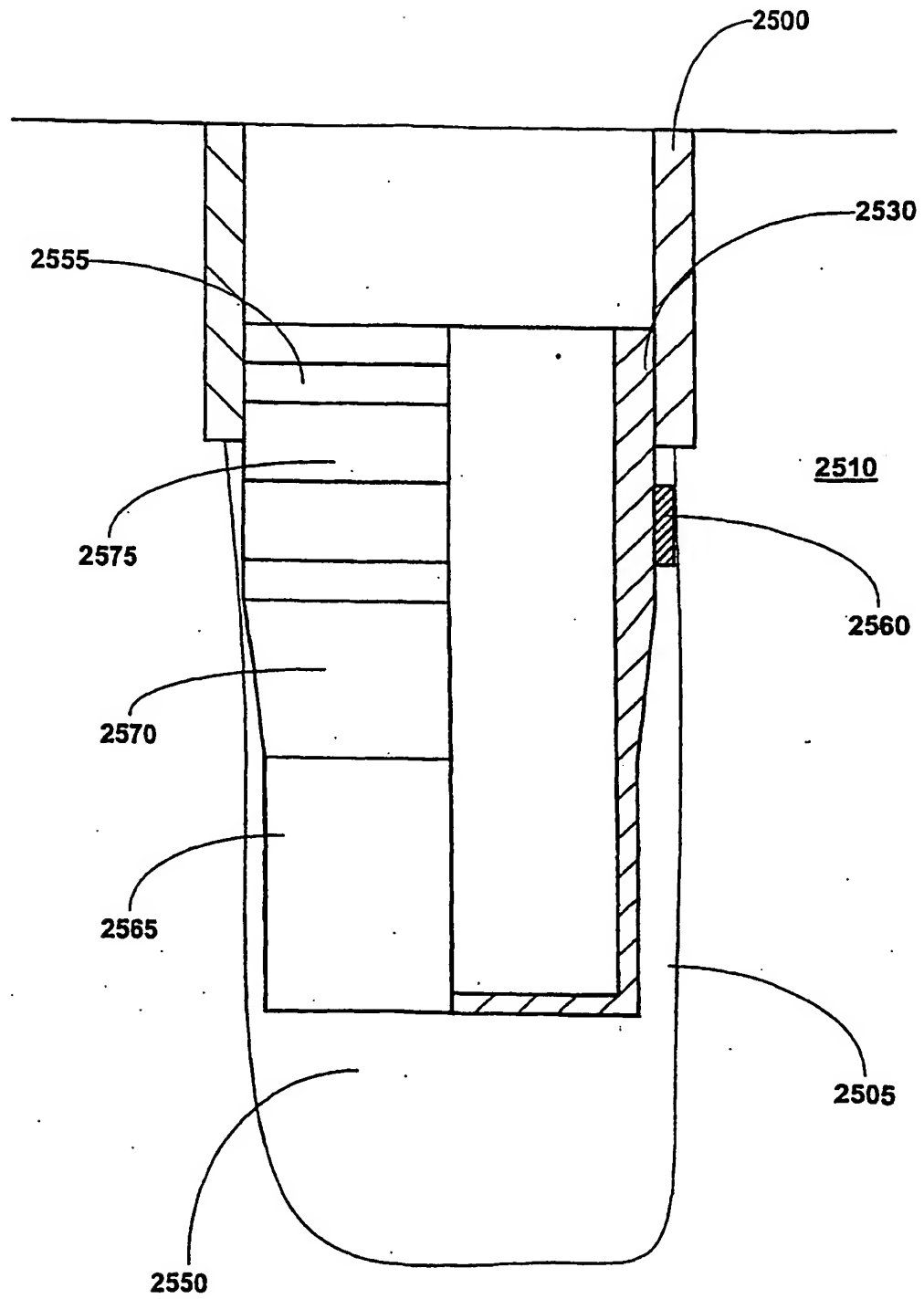


FIGURE 25c

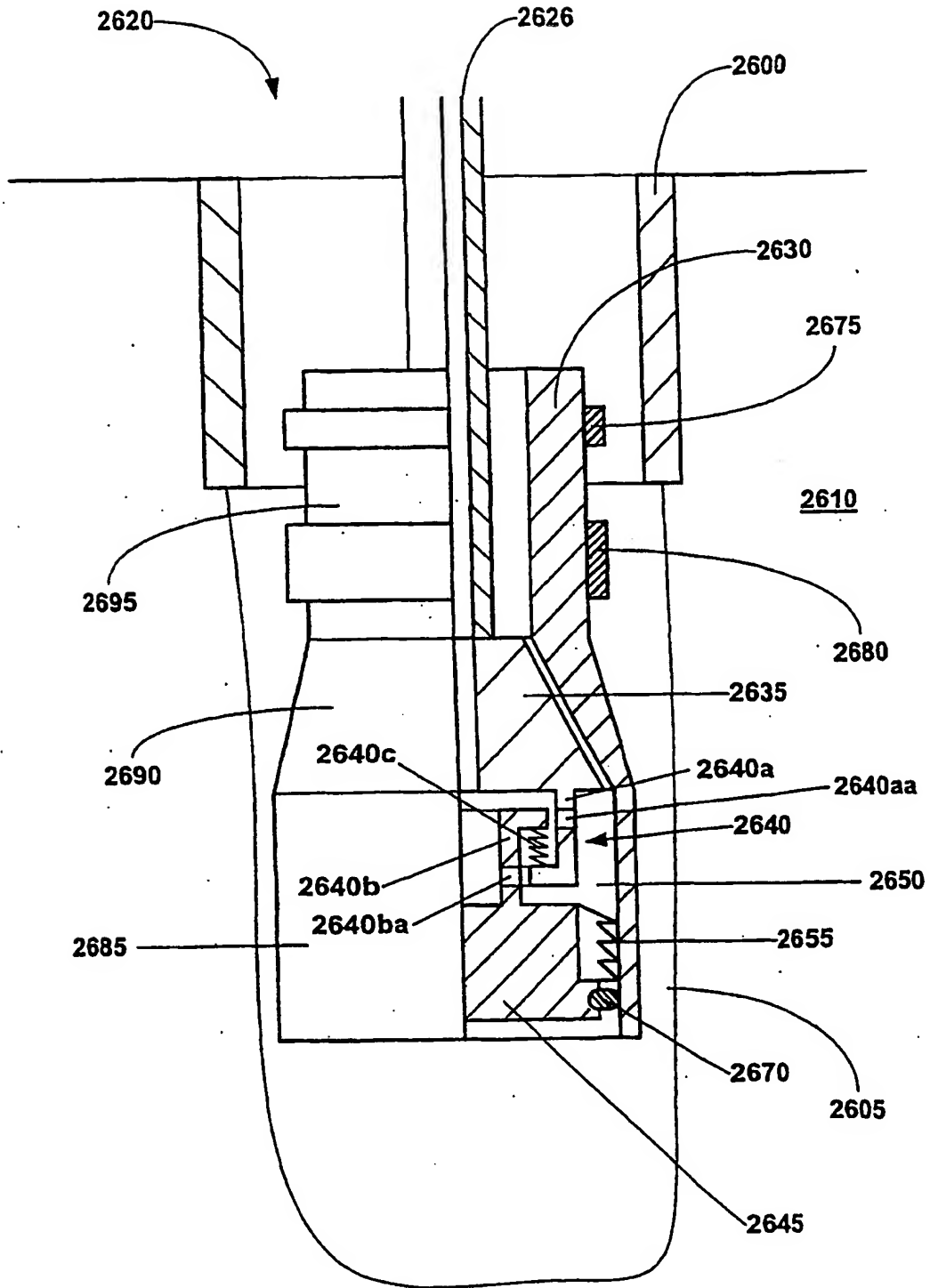
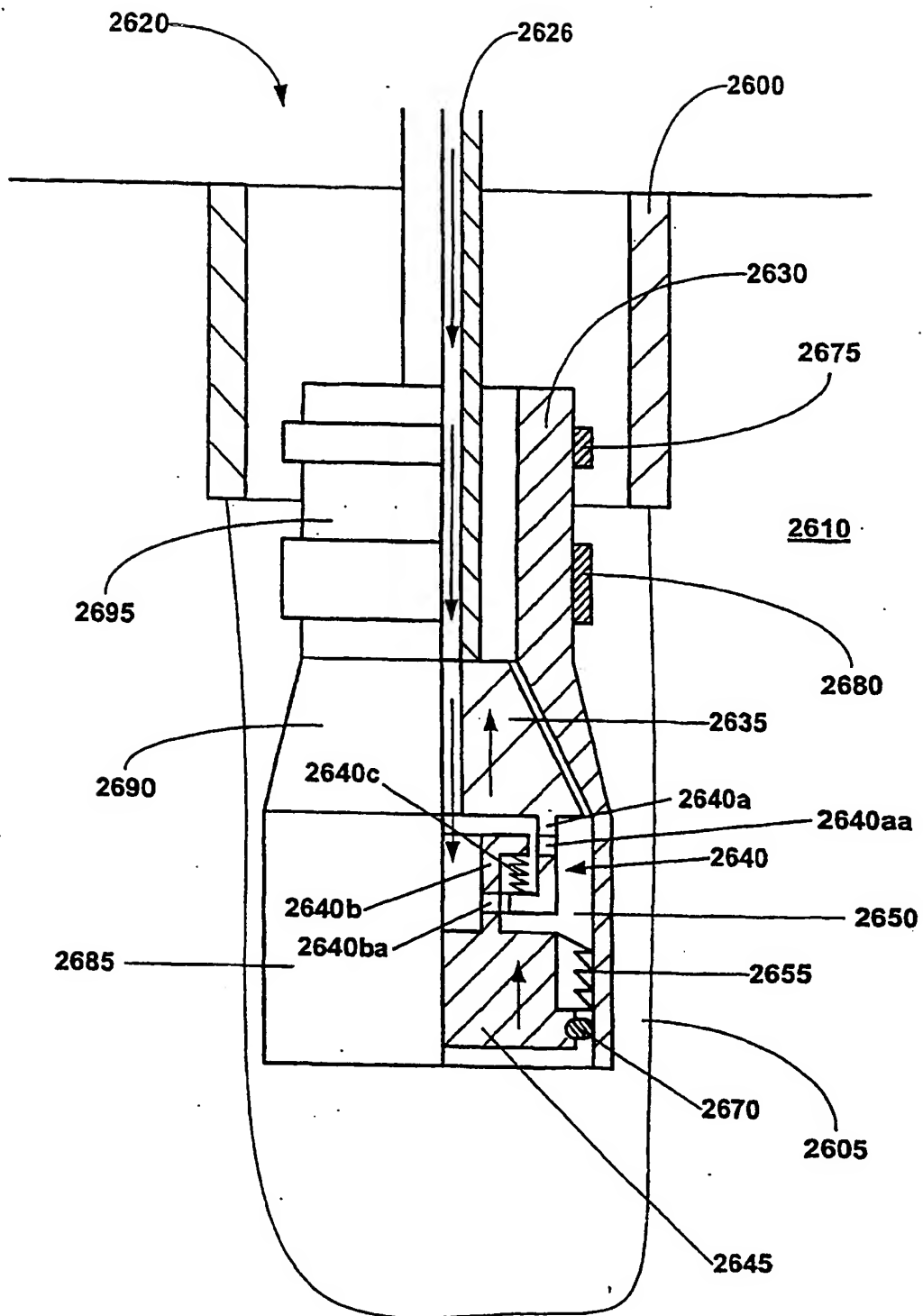


FIGURE 26a



**FIGURE 26b**

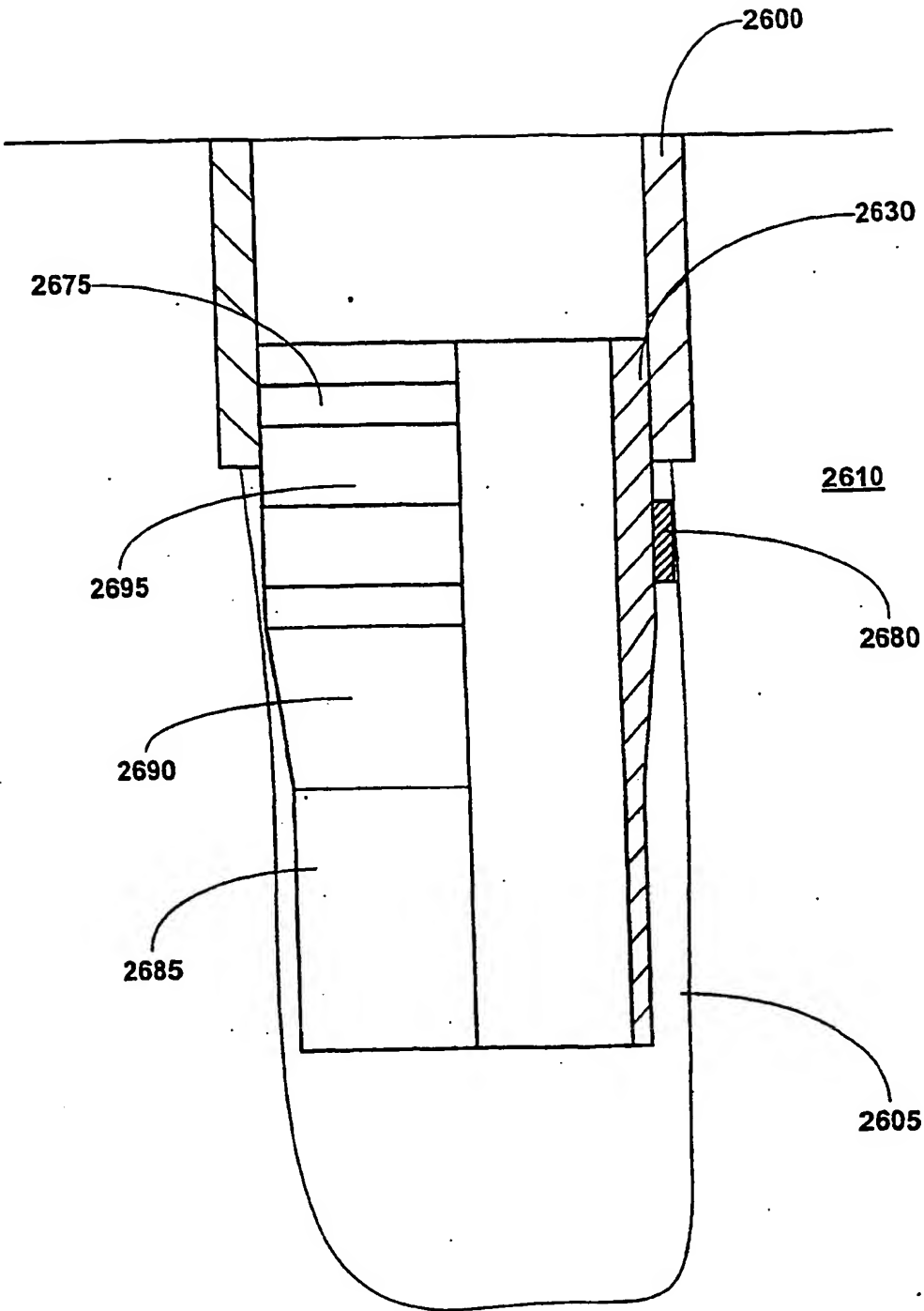


FIGURE 26c

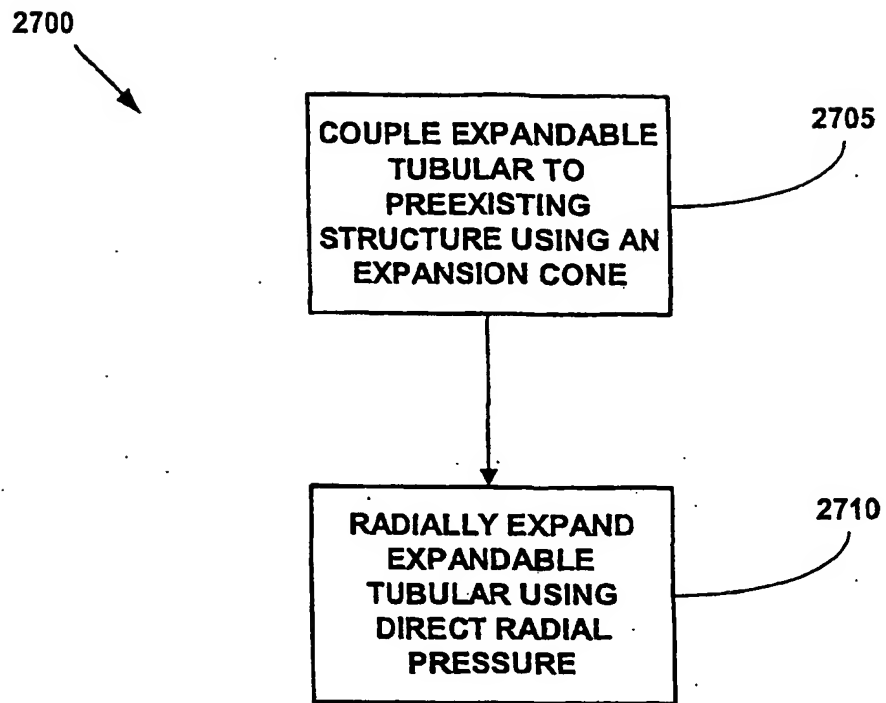


FIGURE 27

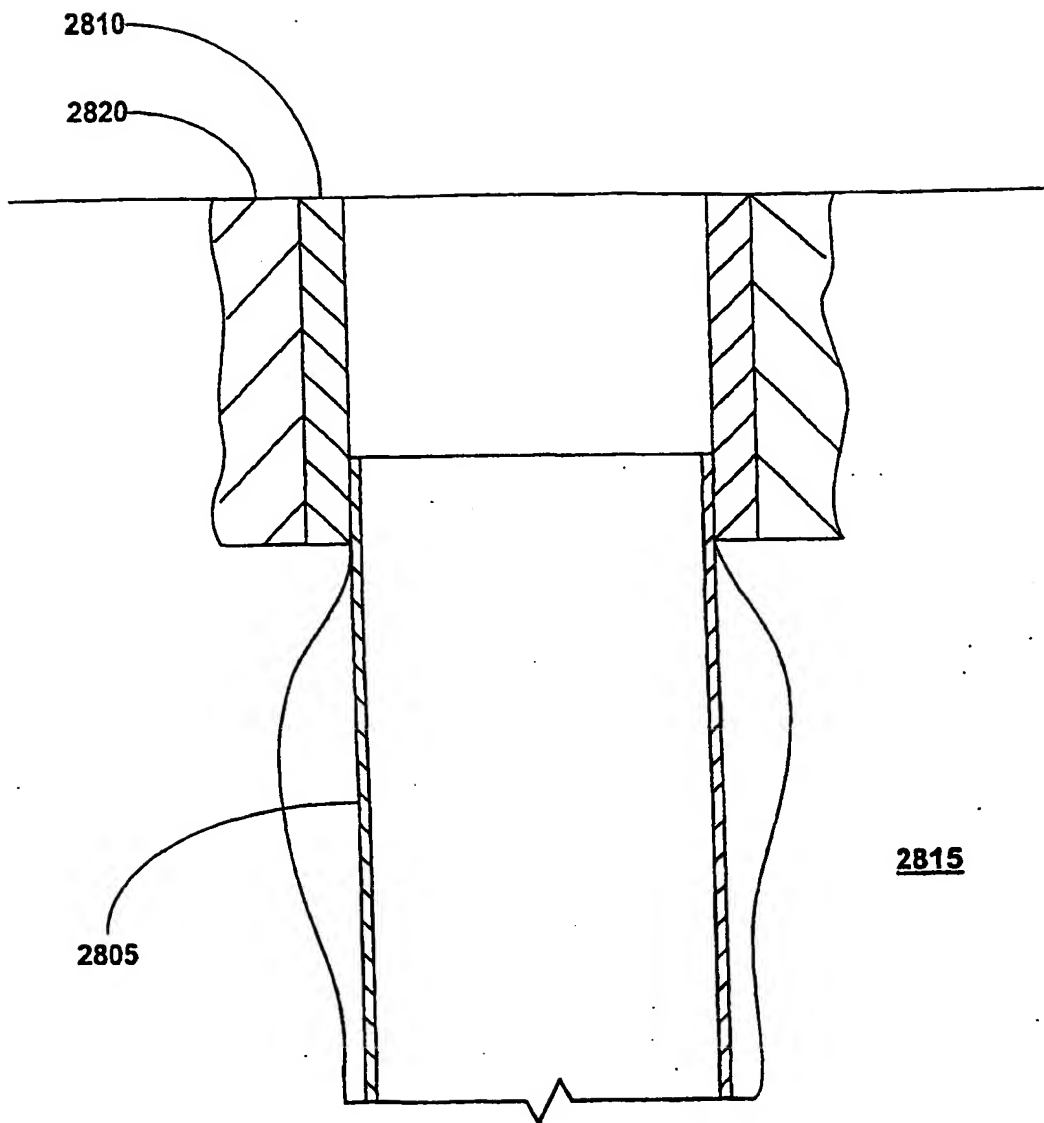


FIGURE 28

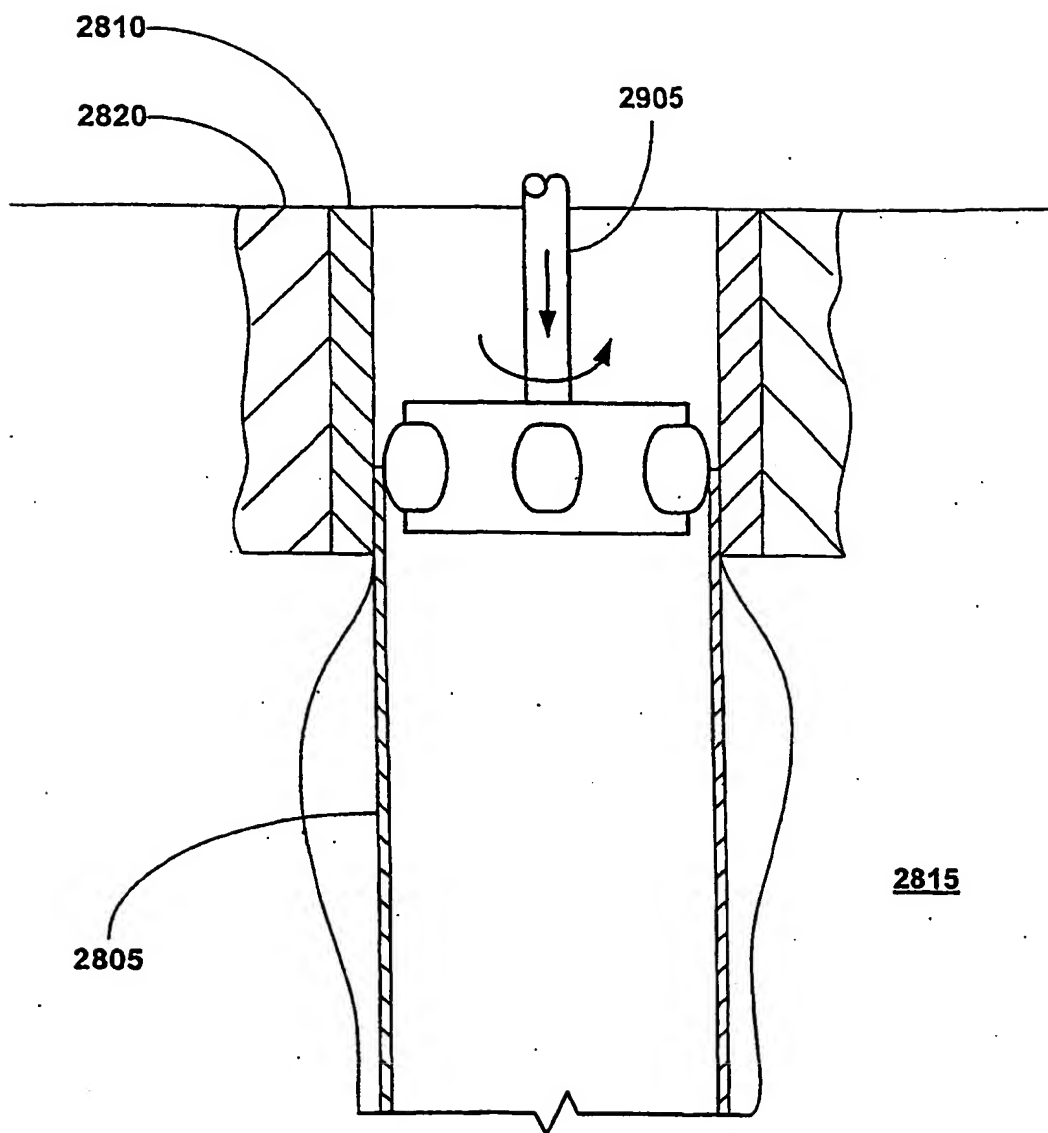


FIGURE 29

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